



2020
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Bursa Uludag University
School of Foreign Languages

Blackboard

STUDENT WRITERS OF TODAY;
REAL WRITERS OF TOMORROW



READ AND LET
YOURSELF DISCOVER MANY NEW PERSPECTIVES

Atatürk's Address to the Turkish Youth

Turkish Youth!

Your first duty is forever to preserve and to defend the Turkish Independence and the Turkish Republic.

This is the very foundation of your existence and your future. This foundation is your most precious treasure. In the future, too, there may be malevolent people at home and abroad who will wish to deprive you of this treasure. If some day you are compelled to defend your independence and your republic, you must not tarry to weigh the possibilities and circumstances of the situation before taking up your duty. These possibilities and circumstances may turn out to be extremely unfavourable. The enemies conspiring against your independence and your republic, may have behind them a victory unprecedented in the annals of the world. It may be that, by violence and ruse, all the fortresses of your beloved fatherland may be captured, all its shipyards occupied, all its armies dispersed and every part of the country invaded. And sadder and graver than all these circumstances, those who hold power within the country may be in error, misguided and may even be traitors. Furthermore, they may identify their personal interests with the political designs of the invaders. The country may be impoverished, ruined and exhausted.

Youth of Turkey's future,

Even in such circumstances it is your duty to save the Turkish Independence and Republic.

You will find the strength you need in your noble blood.

Gazi Mustafa Kemal Atatürk

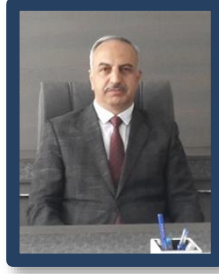


BURSA ULUDAĞ UNIVERSITY
SCHOOL OF FOREIGN LANGUAGES

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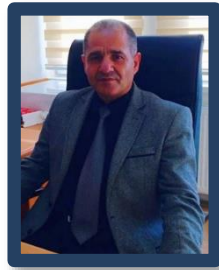


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Editor's Note

Welcome to the ninth edition of *Blackboard*, the annual magazine of Bursa Uludağ University, School of Foreign Languages - by the students for the students. This project has been months in the making and we are excited to finally unveil it to you. This issue features engrossing student-produced writings of many genres ranging from weighty feature articles and biographies to light-hearted editorials and reviews on a wide variety of topics.

In these difficult times of the Covid-19 pandemic, which has us all stuck at home and has enforced distance education, the process of preparing this magazine brought our students from different levels and classes together. It has been a great chance to carve out a space for our students to explore topics outside of the classroom enabling them to tell their stories, get inspired and raise awareness. We want it to be entertaining and informative, at times contrary, but above all inspiring.

We, as the Editorial Board, have felt fortunate to act as the editors on the journey together to create this magazine. The process of proofreading the works of our students and making the magazine ready for publishing has ignited pleasure and satisfaction in us as we were deeply impressed by our students' enthusiasm.

We would like to take this opportunity to express our gratitude to all our colleagues for their guidance to the students during their writing process. We would also like to thank the Directorate of School of Foreign Languages: Prof. Dr. İsmail Güler, Lect. Nazlı Koç and Lect. Mehmet Doğan for their constant support and guidance throughout the process of publishing this magazine.

We hope this pandemic will end very soon and we will meet at school where everybody will cherish hearing their friends' voices once again. We hope you enjoy reading this priceless work of our beloved students.

The Editorial Board



Beyond Our Perceptions

M2-8, Yaren Arabaci

What is art for you? What is drawing or painting? Is it to extract what you see around you on a piece of paper? Or, is it to concretize what's in your mind with the help of a pencil? Is seeing just about having eyes? Actually, I want to ask, "Do you really need your eyes to draw something? Do you have to have ears to feel the music?" If you think these questions have very simple answers for you, I must say you are wrong. The first answers that come to our mind are not always correct. It is possible to feel music without hearing, or to paint without seeing. Let me show you how an immense concept like art misleads us about these issues that we think we have already known about.



Eşref Armağan is a painter of Turkish origin who is not well known in our country but whose value is already understood abroad. He was born in 1953 in Istanbul. He is able to successfully depict the dummy models of objects he has not seen in his life by touching them with his fingertips. He said, 'I see better with my fingertips than people who can see.'

He is a blind painter. He is the subject of the award-winning documentary 'The Colours of Darkness'. It is impossible not to be enthralled by the fact that Eşref Armağan, who is a primary school graduate and has no education in painting, has produced such perfect works of art without seeing them. Because of his outstanding ability to paint objects he has never seen after touching them, professors of neuroscience at Harvard University neurology discipline studied his brain functions. They found out that when he touches something, the "visual" cortex acts differently from how it acts with the non-blind. Thus, we can say that it is possible to draw even if your eyes cannot see.

So now, what comes to your mind first when you think about music? Do you think the key word is 'hearing'? Think how and by whom the tunes you listen to are created to nourish your soul. Take Ludwig van Beethoven, for example. He is the most well-known and admired composer and pianist in the world. His talent for the piano was soon realized and he gave his first public performance at the age of eight. His first major orchestral work, the First Symphony, appeared in 1800, and his first set of string quartets was published in 1801. Meanwhile, he was slowly losing

his hearing but he continued to conduct. He encountered deafness in the middle of his life, which also witnessed many achievements of his. He said, “God whispers into the ears of some men, but he shouts into mine,” about his deafness. In the beginning, he attempted to commit suicide twice because of that. What could have bound him to life? Of course, his art. He did not give up creating his wonderful compositions. After he lost his hearing, he was able to hear thanks to the vibrations in his jawbone caused by biting an iron rod that he attached to his piano while playing the notes. He showed that his deafness couldn’t stop his music because nothing can prevent an artist from making their art.

Art is too delusional and subjective for us to fit into a definition mold with our limited ability to define. Art is beyond our perceptions. No artwork has a single feeling. Art is not what the person making the art wants to tell, but what people understand from that work of art. It is the formation of perceptions and formations that occur in our thoughts or feelings with the perspective we choose. Art does not have any rules or requirements. Therefore, any rule of art that we try to draw the precise lines will mislead us. All the art adaptations we think we know will always continue to surprise us



with new examples. There will always be artists who have experienced the deficiency of everything we regard as being absolutely necessary in order to make art. Despite this deficiency, they made their names among the most important names in the history of art and these names will continue to increase in number.

Bali-Hindu Traditions

M2-11, Zeynep Yıldırım

Today we’re heading far away to the island of Bali, Indonesia, located in South Asia and Oceania. Bali is an exotic island with active volcanoes, surrounded by coral reefs and black and white sand, one-hour flight away from the capital city Jakarta. If you want to come to Bali, which fascinates with its living space and is a great option as it doesn’t require a visa, I’ll mention a few traditions of the Balinese people so that you don’t encounter any surprises.

The first of the traditions that will surprise you in Bali are the names of people. There are a total of 4 names on the island. In Bali, the first born child is called "Wayan" or "Luh", meaning "first". And then the second child is called "Kadek", which means "second", the third child is "Nyoman" or "Komang", and the fourth child is called "Ketut", meaning "fourth". If you're wondering what happened when the baby is a fifth child, relax, her name isn't "fifth." After four, the names return to the beginning and the fourth child takes the first name, "Wayan" or "Luh", like the first child. Although this is not common, the Balinese usually have one or two children. In addition, they wait three months to give the children a personal name and decide which name will suit the child considering his appearance. For example, if your child is chubby and you liken him to an apple, you call your child "apple". Thus, your child's name becomes "second apple". It actually sounds a lot of fun.

The birth of a child in Bali is seen as the rebirth of a deceased relative in the family. In other words, they believe that their ancestors are reincarnated as their own children or grandchildren. To find out, the pregnant woman goes to the psychic before birth and learns who the baby's soul belongs to. And because they think the baby belongs to the divine side, their feet are not allowed to touch the ground until the baby is 108 days old.

In Bali, where we see the effects of Hinduism beliefs, every adolescent has a dental rasping ceremony because they believe that 6 animal traits; lust, greed, indolence, anger, pride, and jealousy will disappear during this ceremony.

Another tradition you may be surprised by is that they place bamboo plates called "Canang Sari", in which they put flowers, rice, chocolate and sometimes cigarettes in front of their houses, temples and especially near junctions. These plates are placed to maintain balance in nature, to make gods happy and to protect from evil spirits. They call these plates "offering". According to Hinduism beliefs, evil spirits



are incapable of turning the corner and they believe that most accidents happen at intersections for this reason. When an accident occurs, a clergyman is immediately summoned and this place is blessed. The cleric brings roosters in a bamboo shroud with him, and the roosters keep the evil

spirits busy while the clergy does his job. The cage is made of bamboo because in this way evil spirits cannot harm roosters.

Yea! Finally, if you want to come to this exotic and crazy island, try not to hit the "Nyepi" day, which is repeated once a year. Because the Balinese will be meditating and you won't find a single plane at the airport then!

Karabakh is Azerbaijan!

M1-10, Yarıyeva Nermin

Karabakh is the historical and ancient land of Azerbaijan. At the root of the Armenian-Azerbaijan Karabakh conflict is the groundless claims of the Armenians about the Karabakh region of Azerbaijan. These claims continued from the early 19th to the late 20th century.



Everything started after the Armenians were settled in the lands of Northern Azerbaijan. The underground and aboveground wealth of Karabakh has always attracted the attention of Armenians, who have their own land and started to exclude the Azerbaijan-Turks there. They organized attacks against them.

On the night of January 19, 1990, a large military unit equipped with the latest installations and weapons carried out a bloody massacre in Baku. Hundreds of people died in this massacre. They brutally tortured people.

At the end of 1991, Armenians started an open and unjust war against Azerbaijan and Armenian military forces entered Karabakh by violating Azerbaijani borders.

On February 26, 1992, with the help of the 366th motorized rifle regiment of Russia, they destroyed the city of Khojaly in the Republic of Azerbaijan and committed the Khojaly genocide. They did not care. The old, women, children were tortured in inhumane ways. They occupied more than 20% of Azerbaijan territory.

More than 25 thousand Azerbaijani citizens were killed as a result of the Armenian attack. Among them there were many women, children and the elderly. More than 1 million people became refugees and internally displaced people. Rare pearls of Azerbaijani culture were destroyed.

The Republic of Azerbaijan never accepted this invasion. Our president, İlham Aliyev, proved everywhere that Karabakh belongs to Azerbaijan with historical evidence. İlham Aliyev always said that we would reclaim our land, either politically or through war. For nearly 30 years he tried to deal with it politically, but they did not accept it.

Armenians repeatedly attacked civilians and violated the ceasefire. Citing all of these, on September 27, 2020 a counterattack along the line was launched. At the end of a period of 44 days, thanks to İlham Aliyev's invincible determination, the strength of the army and the unity of the people, Azerbaijan won the war.

Turkey is a big help in this battle. Support from Turkey has brought more power. As the national leader Heydar Aliyev said we showed everyone that we are 'two states, one nation'.

Victory made us very happy, but it upset the people who have lost their loved ones. We have 2783 martyrs. We have thousands of injuries. God's mercy to all those who died and healing to the wounded. Revenge was taken! Karabakh is Azerbaijan!

LET'S NOT FORGET!

KHOJALY GENOCIDE 26.02.1992

FATALITIES
613
63 children | 106 women | 70 elderly

WOUNDED
487
including 76 children

TAKEN HOSTAGE
1275

Khojaly Genocide - committed against ethnic Azerbaijanis on the night of 25-26 February 1992, during the occupation of the Azerbaijan city of Khojaly by Armenian armed forces with the participation of the 366th Motorized Regiment of the former USSR.

MISSING
150

8 FAMILIES
WIPED OUT

25 CHILDREN
lost both parents

130 CHILDREN
lost one parent

ALL FOR KARABAKHI
virtual campaign

'VIRTUAL KARABAKH'
INFORMATION - COMMUNICATION
TECHNOLOGIES CENTRE

VIRTUAL KARABAKH

The Dark Industry

M2-8, Emre Tetik



Male peacocks have one of the most eye-catching and intriguing tails in the natural world. These glamorous birds ventured to be an open target to predators for the sake of impressing the female, that is, to perpetuate their lineage, and have undergone positive natural selection after females preferred the always brighter and more colourful. This is how we can explain the way the advertising industry works in today's consumption societies, though not completely. They push us, the consumers, to choose products that do not work in practice but that paint the eye. In fact, they create moments that can never exist and place products that we do not need at those moments in such a

way that these manipulative visuals, installations and techniques that do not make sense in terms of logic seem as if they are the reality they should be.

After the industrial revolution, after the supply-demand balance deteriorated, many companies and products of similar quality emerged. The population was growing and the demand needed to be directed. At this point, a great race started. Humanity's greatest shortcomings were examined one by one. In fact, if you look at it, it was inevitable that we, female peacocks, have always come to this point with the undeniable effect of our motivation to choose the brightest. For example, let's simply look at how an advertising business works. Let's talk about a bank advertisement - in a perfectly lit office, a friendly security guard gives you instructions to get a queue number for a beautiful young bank clerk. Don't you visualize the situation in your mind? However, we all know that in reality things are not like that at all. We all know deep down that it is a more realistic scenario for the rude security guard at the entrance of that bank to give you the queue number for the surly bank clerk in the office, which is not at all heart-warming. Maybe you have already chosen the bank in the advertisement without even understanding the exact reason. Most of the time, advertising, the art of manipulating or deceiving people, is more complex than

that. In the 1920s, advertising was introduced by Eddie Bernays, not just as a visual struggle, but also as a complex propaganda tool that collectively plays with people's perceptions. Between Lucky Strike, one of the most famous cigarette brands of its time, and people from all walks of life consuming this brand, there was a society norm such as "smoking by women is considered a shame". The company that wanted to sell more cigarettes brought Eddie Bernays to the head of this issue. Eddie's first move was to investigate why women do not prefer to smoke. There were two difficulties in front of him, first of which was breaking the norm I just mentioned. The second was to make cigarette packs matching women's clothing. You may be confused at this point, but that's really one of the reasons. Our master propagandist who investigated the issue immediately put the solutions into action. First of all, he held a fashion party and convinced all women to wear the green colour, the package colour of Lucky Strike, and then with the news and advertisements he published, he created the perception that women would prove to people that they are strong if they smoke. These two awesome policies worked well. Women from all over America have begun to consume this product, which does not work well in practice, now that cigarettes are suitable for their clothes, and they see that lighting a cigarette is the same as lighting a freedom torch. As you can see, this elaborate deception worked quite well and still does.

Just because you know that you are different from other people and that you are a little higher in status than them, the only difference in milk is the name latte, and because you give more meaning to the drink due to the place where you drink, you pay more than the value of a coffee, and you are already in the network of advertisers. As a result of their long research today, big coffee shops, famous restaurants and vendors write the name of the product they produce in a language they have created, and they do not only sell them for a price above their value, but also exploit your perception as Eddie Bernays did years ago, giving the illusion that consuming those products will create a status difference for you.

Do not say what an unconscious handful of consumers can do in the face of this dark and multi-million-dollar industry that will allow services such as YouTube, Facebook, Instagram and Google to stand up almost directly without a penny from users. It is up to you to improve yourself to control your perceptions and be a conscious consumer. Now I ask you how necessary was the product you last purchased for you?

A New Global Phenomenon

M2-2, Elif Sude Özelmaser



K-pop hit the music industry like a bomb, especially attracting the attention of the young generation. Many of us approach this situation too biased, but I came here to break this. I am sure many of you do not just listen, you don't know what this is.

Actually, this is not the first time you have met k-pop in this article. The world met K-pop with PSY's Gangnam Style song in 2012. The name K-POP comes from Korean pop. Actually, South Koreans make pop music as we know it. Technically it is like this, but there is so much labor that we do not know. The most popular K-POP groups include BTS, EXO, BLACKPINK, TWICE, RED VELVET, SEVENTEEN, NCT, BIGBANG, MONSTA X, GOT7, TXT and ITZY. These groups are not formed easily. In a group, there are Maknea (the youngest in age), visual (group's face), vocalist, dancer, leader, and rapper positions. A person can be both a vocalist and a dancer or he can also be a dancer while he is a Maknae. There is no rule for this. Members with different vocal colors and vocal styles are selected. When they say full sounds and high notes, they offer K-Pop listeners a very original musical feast. K-pop music manages to gather many music genres such as pop, rap, hip hop, R&B, punk, rock, and soul under one roof.

K-pop idols are actually chosen people. I am not kidding. Entertainment companies put them through a special and intensive training. They start this training when they are at least eight years old and take language lessons, vocal, and dance lessons as well as manner and courtesy lessons.

These training sessions also have very clear and quite strict rules, such as not coming to the agenda with private life, staying with group members in the dorm arranged by the company, undergoing cosmetic surgery when necessary. Another unique aspect of K-pop is that the groups are often quite populous. While Western companies usually cap their boy bands and girl bands at five members, K-pop groups tend to have, on average, around seven members. And it is not unusual for there to be even more people than that. For example, NCT, a boy band, consists of 23 members.

They are very good at dancing as well as singing. Some groups create their own dance choreographies. You can imagine that these dances are very challenging. At the same time, no matter how many people a group consists of, everyone has to be absolutely in sync. Clips, concerts, and even photos; All of them are so attentive that all the members have managed to be themselves and wear extraordinary things, while at the same time they are in tremendous harmony. Despite all their tiredness, they never stop smiling and are very humble and respectful to their fans.

Contrary to popular belief, k-pop is not just a musical style that appeals to the younger generation. A musical style that appeals to all ages, from young to old. I am sure you won't be disconnected the moment once you start listening to k-pop.

Blurry Eyes in front of a Bright World

M2-1, Melis Yıldız

Myopia is one of the most common eye disorders today. Myopic people can see objects near to them clearly, but objects farther away are blurry. Experts believe this eye problem is a combination of genetic and environmental factors. However, they think that genetic factors are more dominant in myopia. When many people go to the doctor and get this diagnosis, the reason presented to them is family history. Some studies have shown that this is not exactly the case. A study was conducted on older generation Eskimos and almost no myopia was observed. While the older generation does not need glasses, their children have started to develop an eye disorder. This would not be possible if this disorder was only caused by genetic factors. So why did this happen? Over time, Eskimos left their traditional lifestyle and started to adopt a western lifestyle. For this reason, there was an increase in myopia cases. Our genes may affect our being near-sighted, but our lifestyle is more important.

Technology is in a large part of our lives today. We do many jobs with phones, computers, and tablets. The time spent in front of screens has increased recently due to the pandemic in the world. I wish we were just looking at screens for work. There are also social media and TV. We spend time on social media to catch life and in front of TV to have fun in the evenings, which means almost the whole day. According to scientific data, if it goes like this, 1 out of 2 people will be wearing eye glasses in 2050. This is an unpleasant situation. People should be more conscious. Myopia shouldn't be seen as something normal. There is also an unconscious approach to glasses. Some people think that they are wearing glasses called relaxing glasses. There is no such thing as relaxing glasses. Each pair of glasses has a number. We should use glasses consciously. While myopia is increasing this much, let it not make our eyes worse in unconscious use because this problem can bring other problems later in life.

So what should we pay attention to for healthy eyes? We should increase the time we spend in nature. Natural light is always good. We should eat healthily for our eye health. We should avoid artificial light as much as possible. Thus, we can open healthy windows to the next good days.



Why Do We Have Traditions?

M2-8, Sevde Çakır

Traditions can be defined as repeated behaviours that usually have a symbolic meaning. For example, the tradition of giving wedding candies to guests has a story most people don't know. This tradition actually originated in the war between Japan and China (1935–1945). Buddhist monks who wanted the war to end both prevented the war and caused marriages between the two communities by distributing candies to the soldiers. In the Middle Eastern countries, the tradition of offering almond toffee at weddings is followed to describe the bitter sweetness of marriage.

When I think about how traditions appear I can think of only three reasons. First one is a sense of belonging. Everyone wants to belong to a community because people feel depressed when they don't socialize so we don't want to be isolated from society and we do whatever they want us to do. For example, take the tradition of tying a red ribbon around the waist of the bride. It doesn't have a historical or a pleasant meaning. In so many weddings I have joined they have applied this tradition. When I asked the bride about it she said she didn't even want the ribbon to be tied, but she did it for the community that she belonged to. Second one is legitimizing authority relations. For example, we are always taught to be respectful to elderly people or to the authorities but we are never educated about those who don't deserve respect. The third factor that played an important role in the creation of traditions is the transmission of value judgments. Actually having a value judgement is a great thing but these judgments aren't always correct. Let's talk about the scientific side of traditions. Biologists, when examining groups of animals, observed repeated behaviours which were passed down from one generation to the next in communities. Behavioural traditions have been observed in groups of fish, birds, and mammals and they may have evolutionary significance, allowing adaptation at a faster rate than genetic change.

There is an experiment on traditions. Scientists (a research group led by psychologist Andrew Whiten of St. Andrews) gave corn dyed blue and pink to 4 groups of monkeys but one of the coloured corn was bitter and that quickly taught monkeys not to eat the bitter corn. Four months later, after 27 baby monkeys had been born and were old enough to eat solid food, the monkeys were again offered pink and blue corn, although this time neither had the bitter taste. During the next 2 months, both adults and baby monkeys strongly preferred the same colour as before even though both corns were now edible. Indeed, 26 of the 27 infants ate only the corn preferred by their mothers, ignoring the other corn. During the period of the experiments, 10 male monkeys were

transferred from a group that had preferred one colour of corn to a group that preferred the opposite colour. Seven of the 10 immediately took up the colour choice of their new, adopted group, suggesting that they were influenced by the norms of that group.

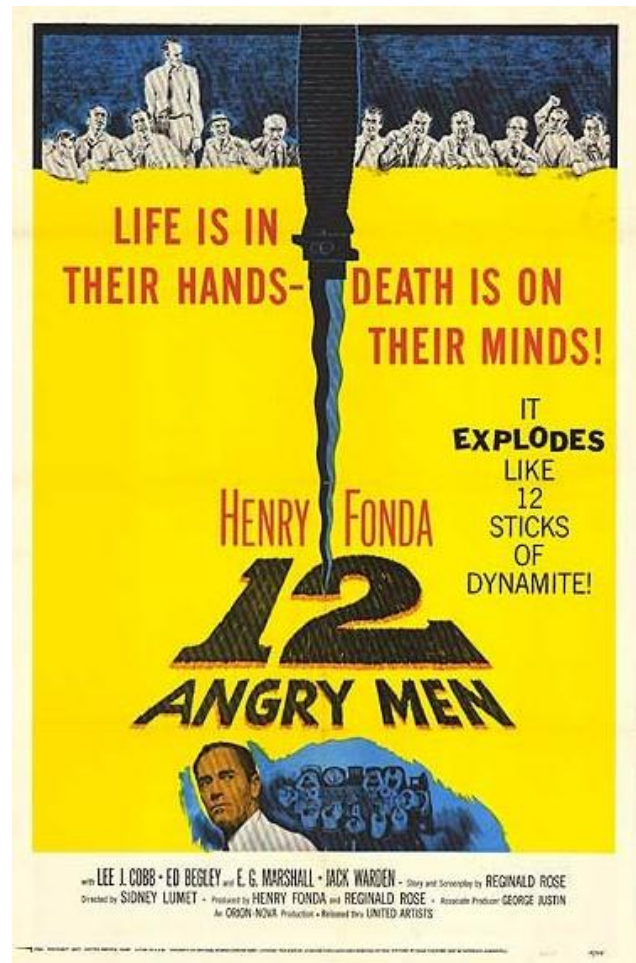
The experiment shows that traditions are a product of adaptations and sense of belonging. We always do what people around us teach us because we think other options are dangerous. As you can understand from the experiment mentioned, monkeys don't eat the bitter corn because they probably think it is bad for their health and they are totally right to do this but what if they would try other corn when the corn is not bitter anymore and decide to eat all corn? Wouldn't they have more food for everyone? Is it their survival instincts or are they just afraid of doing new things? I think they are afraid of doing new things like every kind of animal does.

12 Angry Men

M2-7, Zeynep Yadigar

12 Angry Men is a 1957 American courtroom drama film directed by Sidney Lumet and adapted from a 1954 teleplay of the same name by Reginald Rose. It is a courtroom movie about twelve jurors who have to judge on a case involving a teenager accused of stabbing his father to death. If convicted, the boy will be sentenced to death.

The drama which revolves around jurors over a murder trial, questions our morality as a society, when confronted with the task of coming to a verdict that will decide someone's fate. As the film's tagline states, 'Life is in their hands. Death is on their minds'. The twelve jurors have to put their personal conflicts aside to reach to the verdict. 12 people who try to judge the boy serving as jury have completely different attitudes,



personalities, emotions, and approaches in judging this premeditated homicide case. Since this is a difficult decision to make, none of the juries want to take the whole responsibility on their own shoulders. Therefore, they decide unanimously. It may cause some people to question their morals and beliefs; however, the overall outcome of the movie truly shows the importance of optimism, honesty, and standing up for what you think is right. No names are used in the film; the jury members are identified by number until two of them exchange names at the very end. The defendant is referred to as "the boy" and the witnesses as "the old man" and "the lady across the street."

The movie *Twelve Angry Men*, involves eleven other characters who have huge contributions to the storyline including Henry Fonda. Henry Fonda acts as the jury member number eight. Henry Fonda's role in the movie has been assumed as the most important character in the entire movie. This character believes that the boy on trial is not guilty. During the interrogation Mr. Fonda's character never argued with, or yelled at the accused, but he even acted as if he was right.

In 2007 the film was selected for preservation in the United States National Film Registry by the Library of Congress as being "culturally, historically, or aesthetically significant." The film was selected as the second-best courtroom drama ever by the American Film Institute during their AFI's Top 10 list and is the highest courtroom drama on Rotten Tomatoes' Top 100 Movies of All Times.

How Can We Experience Rebirth in Our Lives?

M2-2, Zeliha Su İlayda Atabey

Sometimes, we don't know what the purpose of living is. At that time, we can't do anything. We are only waiting for and thinking about something. But time is running fast. We shouldn't stop if we live in the world because everything is happening very quickly. If we have trouble guiding our thoughts, why not reshape ourselves? In my opinion, it is so enjoyable. Isn't that the same for you? Isn't it yet time to start the Renaissance Movement? Of course I can hear you say 'Time has come!'. In that case, let's start the change!

Firstly, we have to find out who we are. While we are doing this, we examine ourselves carefully. We should find out what we like or dislike. If we learn that, we can move on to the second stage.

The second stage is to experience ourselves. Yea, we do some things well and we do other things badly. How well or how badly we do things is an important point. Then if we want to do something or if we have to do something and if we can't do this somehow, we must change our perspective on the event. We have to deal with it in a different way. For example, last year when I was studying for the university entrance exam, I got very bored. In order to study efficiently, I took action by counting down from five. It always activated me.

After we change our perspective, we should try new things. We must be open to innovations. For example, we should change the place of items in our bedroom or house once a week. If we do that, our eyes will get used to this difference and maybe we can discover new things in that area. After a while, we start to like doing that. Everything is under our own will and control. We are the architects of our lives. We do what we want? If we want to succeed in any event we experience in life, we have to set ourselves a goal. We have to tear it to pieces: annual, monthly and weekly parts so that we can do our work more comfortably.

Then, we need to boost our motivation and increase our self-confidence because this is the most important move to reshape ourselves with patience. We can try many things to do this. We can develop our own methods.

Finally, if we have done all the previous steps, all that's left is to make a difference. We have already achieved this somehow. If we don't believe that, we may make a mistake in one step or we need more innovation or we need to listen to our own voice (not other people's voices!).

Samba from Brazil



M2-9, Stephanie Henriques Macena De Oliveira

Samba is the most popular dance and music genre in Brazilian culture. The origin of this genre dates back to the indigenous Africans mixed with European rhythms in Rio de Janeiro since the 20th century.

At that time, the African dance parties in Bahia (a state of Brazil) were called Samba and they were characterized by colorful dancing

costumes, beautiful singing and playing nice musical instruments. It became so popular that it spread all around the world and it is still played in our present times.

Although Samba is still present in all Brazilian regions, it has been modified in some regions according to the favorite rhythm, the lyrics, the style of the dance and even the instruments that accompanied the melodies in each state. The most famous versions are Samba of Bahia, Samba of Rio de Janeiro and Samba of São Paulo. The Samba of Bahia is special for drumming with indigenous songs while in Samba of Rio de Janeiro, the presence of the Maxixe and Lambada is very vivid. Maxixe and Lambada are fast-rhythm Brazilian dances of two people. The Samba of São Paulo is played especially during the period of coffee beans harvest festivals with a drum beat in the center of the harvest parties. Interestingly, some types of Samba are also played at schools such as Samba-Enredo which was composed in the 1930s. It is usually played at school carnivals where they add lyrics for social historical and cultural themes. Samba de Roda is another famous type of Samba. The name comes from “roda” which means “round” thus people make a circle to dance, sing and play some instruments. Moreover, Samba is linked to a sport called Capoeira and many other life areas.

Currently, Samba is played through a huge collection of musical instruments but the most important ones are percussion instruments, which allow the melody to come through banjos and aid the drumstick. In fact, players use an Atabaque (wooden drum), any drum or even their bodies and hand palms to produce the charming rhythm. Some other instruments that we can't miss are ukulele, tambourine, guitar and of course the voice.

Samba became very popular in 1930. The rhythm was picked up so fast and made people curious about the songs and, at that time, the growth of radio helped a lot.

Many singers have contributed to the spread of Samba through wonderful songs, which became very famous and popular such as Carmen Miranda who performed with a fruit basket on her head singing “Chica Chica Boom Chic” and “O Que É Que a Baiana Tem”. Another celebrity influence was achieved by Cartol, one of the most popular and respectful composers in Brazil, who won the hearts of the Brazilians with his songs on the lively Samba melodies.



Careers in Food Engineering

M2-3, Sanem Koçar

The food engineer carries out the processes of producing, packaging, transporting foods in accordance with the rules and ensuring hygiene requirements. Food engineering conducts interdisciplinary studies in collaboration with other fields such as chemistry, physics, and microbiology.

The food engineer can work in a wide variety of environments including a restaurant, factory, catering firm, laboratory, and office. It basically has the following duties;

- to create new techniques for food processing, packaging, and preservation,
- to ensure that hygiene and food safety standards are met,
- to test, examine, and write reports on food samples,
- to control the use of additives in foods,
- to change and improve existing food production recipes,
- to develop new product ideas,
- to design and implement new equipment and systems for production,
- to evaluate production and performance,
- to evaluate existing equipment and systems,
- to determine the features and scope of the projects,
- to provide marketing and technical support for food production companies.

The food engineer, who manages the processes that food goes through until it is ready for consumption, is expected to be careful on the details and to be productive in methods to increase efficiency. Other qualifications that employers look for in a food engineer are as follows;

- tendency to teamwork,
- excellent written and verbal communication skills,
- strong analytical and numerical skills,
- being careful and meticulous especially on food hygiene and safety,
- the ability to work independently,
- advanced organizational ability.

Food engineering students will receive detailed and scientific training on the management of food resources, food analysis, and chemical structure of food during their 8-semester education life.

All students studying food engineering take the following lessons;

- Chemistry,
- Analytical Chemistry,
- Organic Chemistry,
- Molecular Biology Genetics,
- Food Additives,
- Food Biochemistry,
- Statistical Methods in Engineering Studies,
- Food Safety,
- Vegetable Oil Technologies.

They take many lessons for 4 years. If they complete these courses successfully, they will obtain "Food Engineering Undergraduate Diploma". Those who receive their diploma are entitled as "Food Engineer".

Our Lovely Friends: Cats

M2-4, Şevval Mutlu

Have you ever observed cats? What do they do all day? What happens when a cat loves you? Are they really weird? Cats are one of the cutest creatures in streets, and if possible, maybe at your home. They are our lovely animal friends; however, sometimes they are not that lovely, but rather creepy! If you want to see them from another perspective, this article is what you need.

We often see cats in the streets. While we are watching them, they are walking, playing games with their friends and sometimes sitting like grandfathers. If you are a cat owner, you can imagine what they do in daily life. Firstly, you wake up to the hungry 'meow' of your cat. After feeding it up with a good meal, it is game time! If you refuse to play with them, they will distract you from whatever you are doing. The distraction might be a cute stare or a sneaky attack.

Interestingly, many people believe that cats are a little bit weird. I also agree that cats are a bit unusual, and I can give you a few examples of that. First, suppose you are sitting on your couch with your cute friend and suddenly that cute friend begins to growl and fluff. For the second

example, imagine that you are walking at home. While you are walking, your cat is walking with you, but all of a sudden it begins to run, and you never understand why it is running (so fast).

Finally, you wake up at night to drink water. And you see your cat, but your creepy friend is not looking at your face, it's just looking at the wall in the middle of the night! These are just one of the many possible cases.

On the other hand, you must always keep in mind that cats are really good friends. Because if you are sad, they can feel it, and, if they love you, they can give you a perfect hug. Cats are great huggers. Of course, we can't ignore the 'mrr' sound. That sound makes us peaceful and happy. If they make this sound when they hug you, then we can say it is a "prrrfect" hug. Cats are like furry versions of antidepressants. They can make you happy without any expense. All of the examples and instances listed here are based on my personal experience with my cats. These might only be my observations, but I strongly believe that a cat will definitely lift you up and make you happy in any case.



Types of Pollution

M2-3, Bahar Gül

The world has become a very well connected place thanks to the developments in technology and transportation. On the other hand, the world population is increasing rapidly. Due to urbanization and migration, the balance of nature has been destroyed for various reasons. Thus, the world is getting dirty because of what people are doing. For instance, people are not careful about protecting the nature and they pollute the environment. For this reason, many different types of pollution have occurred; water, air and soil pollution.

I would like to tell you about the types of pollutions. The first type of pollution is air pollution. Air is the most important substance for living things because it includes oxygen. According to experts, people should live in clean air without carbon dioxide and other harmful gases. In this age, due to technology and factories, the air is polluted by the developments of science and industry. Actually, people do not care about this and they just go on living. For example, the owners of factories do not use filters. In my opinion, factories should be inspected more strictly by the government.

The second type of pollution is water pollution. Water is the most important factor for life. Humans cannot live without water because they use water to live, drink and clean and as a result they cannot go on with their lives when they do not have clean water. Many animals live in seas, lakes and rivers, so they need water to live but people are polluting these places so they die because of this. When people go to the sea or lake, to travel or visit them they use water so badly and carelessly. Actually, they do not think of their future. According to experts, water wars will happen in the future if people continue doing such things.

The third type of pollution is soil pollution. Soil is very important for people especially for plants and animals but in our age, people use harmful chemicals and dangerous substances while cultivating the soil and these kill animals. In addition to all these, people pollute the environment by throwing their garbage to the environment instead of rubbish bins. This is nonsense because they are the ones who live and will live in this world but they betray their world with all these things.

The fourth type of pollution is noise pollution. Firstly, noise is loud or unpleasant sound that causes disturbance. In our age, due to globalization and technology, several devices are produced by people and most of the devices make a lot of noise when they work. Unfortunately, this is a

negative thing for living beings especially on their health. For instance, when people drive a car, they disturb the other people with the horns of their cars.

The last type of pollution is space pollution. Astronauts visit space to observe and they send spacecraft to do these researches. For instance, spacecraft leave wastes. Or they leave their garbage at space stations and this causes space pollution.

Finally, nature is quite important for all living things. We should protect our nature because we live there. We should protect forests, seas, animals to live a better life together. We have to protect the nature for better tomorrow. Three things are the most important: clean air, clean water and clean soil. We should recycle paper, plastic, glass etc. You can warn people when they pollute the environment. We have very beautiful nature so we should protect it. Everything is for us if we want to live in this world. Protect nature, plants, and animals for your future.



The Impact of Social Influence on Fashion

M2-2, Hüdanur Özgür

Everyone has a different understanding of fashion. Also, fashion has brought a different impact on people. Everything has an impact on it, but what is actually the social impact?

Who or what makes a decision on our fashion taste? Culture? Religion? Where we live? Who we are? For whom I am skinny or overweight? Why do they call me ugly or beautiful? What is the meaning of these words? Do they actually know the meanings? How can they decide that I wear too short or too long?

Fashion takes shape according to social influences. One year I am too skinny for the sake of fashion. Another year I am overweight. But actually, do they really know who I am?

Sometimes we have to dress up according to the ways that fashion decides for us. People are always talking about our outfits. Global fashion is not approved in every country. There are so many factors that have an impact on the frame of mind of people. Fashion in Turkey is definitely different from fashion in Europe. The reason for this is SOCIETY. People in some countries are not as open-minded as in other countries. These are the influencing factors for fashion concepts of the year. Designer products are seen as fashion. On the other hand, these designer products do not have collections in big sizes. Can't a person with a big size buy designer products? Why do I need to be rich to follow fashion?

Fashion creates change and innovation by using people's feelings, thoughts, interests, and areas they are fond of. One day, it is normal to wear colorful clothes, another day it is not fashionable. When I want to be fashionable, it is easy for people to judge me. They say, 'You are ugly with this dress because it is too short' or 'Why do you dress like this?'. Society is maybe judging fashion because of the factors like places we live in or the culture we have. Is it not time to open our eyes? Why is everyone so blind and see what they want to see? Fashion will be better without social pressure. Maybe this will affect humanity. Maybe women will be safe and will not be accused by others because of what or how they dress.

Your Taste in Movies

M2-6, İrem Nur Çalıřkan

HELLO EVERYONE!

If you can't decide what to watch, you should find out about your taste in movies. The following test will reveal your movie taste. At the end of this test, we will provide you with some suggestions.

1. If you were an actress/actor, what kind of character would you be?
 - A. A super-hero
 - B. Someone in love
 - C. Someone in trouble
 - D. An animation of a child
 - E. Someone on a deserted island
2. What kind of people do you hate the most?
 - A. Unimaginative people
 - B. Unloving people
 - C. Indifferent people
 - D. People with no sense of humor
 - E. Funky people
3. While surfing on the Internet, ...
 - A. I read articles about science and I imagine the world 50 years later.
 - B. I chat with my friends and fulfill my longing.
 - C. I read about people's strange stories.
 - D. I usually play online games.
 - E. I watch videos on YouTube
4. When I meet one of my friends, I like...
 - A. discussing what we have learned lately.
 - B. making each other surprised. (with a gift or anything that make us happy)
 - C. talking about everything.
 - D. telling each other stories.
 - E. trying new things.
5. You are very tired at the end of the day. What do you usually do?
 - A. I watch some TV series or films.
 - B. I call my friends.
 - C. I just go to sleep.
 - D. I watch videos of animals.
 - E. A day doesn't easily end for me. I can find things to interest myself.
6. Last question... How would your friends describe you?
 - A. Curious
 - B. Surprising
 - C. Analytical
 - D. Childish
 - E. Brave

TEST SCORES

If you have chosen As the most:

You are keen on science-fiction movies. You love learning about everything and the imaginary world.

You can add these to your list:

Gemini Man, Invasion of the Body Snatchers, A space Odyssey, Source Code, Eternal Sunshine of the Spotless Mind, The Martian, Ex Machina, Seven Sisters

If you have chosen Bs the most:

You should watch romantic movies. We suggest you watch them with your friends because you love getting together with them.

Here are some suggestions for you:

One Day, Me Before You, A Star is Born, La Belle Époque, Closer, Dirty Dancing

If you have chosen Cs the most:

You should watch thriller movies.

We have a few suggestions for you:

A Quiet Place, Split, Knives Out, The Invisible Guest, 21 Bridges, Parasite, Prisoners

If you have chosen Ds the most:

Watching animation movies is a good idea for you. We now know that it is not only children who watch animation movies, so we created a list for you.

Wall E, A Bug's Life, Tangled, Klaus, Up, Cloudy with A Chance of Meatballs, How to Train Your Dragon

If you have chosen Es the most:

We suggest you watch action movies, such as:

The Equalizer, Taken, Edge of Tomorrow, Seven, Extraction, Golden Eye

A Turk among Flying Cars

M2-8, Beyda Bostancı

We have always loved dreaming about the future as human beings. We have wondered about the past, the future and the sky. In line with these curiosities, we have made many technological innovations and aircraft. But the plane has never been enough for us, and we have dreamed of flying cars. We have dreamed that we were going to work, school in our flying cars. Now these dreams are coming true.

Flying cars are starting to be produced in the world. And now, Turkey is also included in this race. The national flying car "Cezeri" was showcased at Teknofest this year. Baykar technical manager Selçuk Bayraktar calls this project "my dream". The car was named after the author of the

earliest known written records on robotics, engineer Cezeri. It was developed by the Baykar company with national facilities and is believed to make a radical change in urban air transportation. The Flying Car is developed to bring a new face to the health sector and military logistics support activities. In addition, Cezeri is designed to take an active role in passenger and cargo transportation.



The Flying Car is basically an electric "Urban Air Transport" vehicle concept that will be an alternative to automobiles in urban transportation. It works with 100% electricity. It comes to the fore with the artificial intelligence systems it has. Cruising speed is stated as approximately 100 km / h. The time required to fully charge the batteries and the time to stay in the air is almost the same, about 1 hour. The weight of the vehicle has been kept to a minimum for an easier flight. Its weight is 241 kilograms. For now, the vehicle is designed for one person. However, it is expected to be designed for 3 or 4 people in the future and when the use of the vehicles becomes widespread. Cezeri is expected to be a solution to many problems. Traffic congestion and traffic accidents in urban transportation can be reduced with Cezeri. Air pollution from transport can also be reduced. Urgent needs of health institutions (blood, organ transport, etc.) can be responded to quickly. Currently there are only 2 prototypes. One prototype is complete and the other is still being developed by engineers. The ready prototype was completed in a short time like 9 months. Designed and manufactured by Turkish engineers, Cezeri is expected to take 10-15 years to hit the road.

I think flying cars will be a good innovation. I believe Cezeri will also achieve the success it deserves when enough support is given. Flying cars have been dreamt of for years and today they are no longer a dream. As a step towards this dream, I think Cezeri is also a good development. What do you think, could Cezeri be a small part of the future we dream of? Will flying cars really replace today's cars in the future? Do you believe the lives in science fiction movies will come true? Will Cezeri let our dreams take flight?



Interesting, Unique, Weird: Offbeat Jobs

M2-8, Cennet Yildirim

Today there are plenty of offbeat job opportunities. It's always interesting to explore some of the fun and offbeat jobs out there, especially if you are tired of your boring 9 am to 5 pm job. Bankers, teachers, salespeople, police officers, firefighters, and so many more are examples that fall outside of the realm of commonly known positions. An offbeat job can be made use of to take a break from your current career, to explore your time doing other things, or simply for pleasure when you feel like doing something different for a change.



There are so many different paths a person can take in life. Especially with the development of technology, new professions have emerged and caused the others to disappear. For example, we have much smaller and higher resolution cameras than before. That's why many documentary companies now use drones, not the cameraperson and pilot when shooting their documentaries. In this way, professional drone users have

acquired a profession. They are now having wedding videos taken to earn their living. However, professional drone users have come out with much more interesting professions, such as snake and tarantula catchers. These people sometimes take these animals' venom for therapeutic purposes. These venoms are used as medicine for some diseases. Although supplying them is common for those who like this business, it is actually quite difficult and dangerous. Despite the danger, it is also an important job. For instance, tarantula venom is still a treatment method used to treat arrhythmias. Apparently, it is the dose that separates the poison from the drug. But of course, not every offbeat job has to be difficult and dangerous. For example, there are some jobs which provide lonely and unhappy people of this century with the affection they need. If you are a Hugger, you can hug people who need it and make them happy and have income. Although it may sound strange, considering the fact that many people are looking for a pet to avoid feeling lonely, there is a need for such professions in the world full of loneliness. That's why they want the best for their pets. In

this sense, dog food testing is a profession that cannot be ignored. These people taste newly produced dog food and guess whether dogs will like them or not. After all, it doesn't matter how healthy the food is if the dog doesn't like it. Since there is no other profession as a dog translator already exists, we definitely need this interesting job as much as others.

As a result, although some are dangerous, some are unusual, and some are ordinary, offbeat jobs all have a place and importance in our society. Every profession in society is needed more or less. An offbeat job or a standard job? The decision is yours.

Don't Believe in Fortune Telling, but Don't Get Stuck Without One

M2-19, Eftalya Canan

Fortune telling is the practice of predicting information about a person's life. It is done with the help of some tools and through following some specific methods. Fortune telling has been practised since ancient times using various methods to discover the unknown and the mysterious. It is interesting that people still need fortune telling to highlight their future. Let's have a look together at main fortune telling techniques.

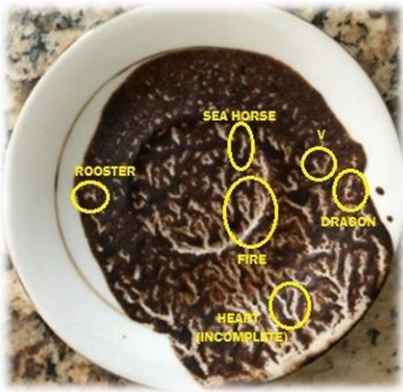
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Astrology

It is the symbol language that encrypts the effects of the planets in the universe on us, and solves them with techniques and mathematical formulas. When we are born we have our own zodiac (birth chart) and our life shapes according to the chart. Our potential, outlook on life, capacity to earn money, abilities, marriage etc. are believed to be shaped by our zodiac. Astrology helps us develop our strengths, overcome our weaknesses, build and advance more satisfying relationships. Everyone has this information in their birth chart. However, we need an astrologer to benefit from astrology. Our horoscope information that is concluded from our date, time and place of birth will be combined with the interpretations of the astrologer and will provide a new page to our life.

Bibliomancy

What do pages tell about your destiny? Bibliomancy is the use of books in divination. It is practised with sacred books which are chosen according to the belief of the person who will tell the fortune. A Fortune teller opens the book and asks you to say a page number. When you say stop, the fortune teller stops and moves her hand randomly on the page you choose. According to the page and the sentence which you choose your destiny is interpreted.

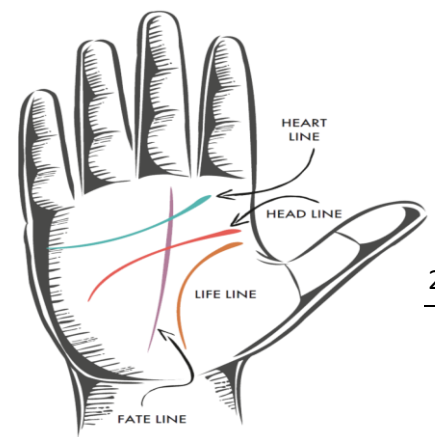


Turkish Coffee Cup Reading: May the fortune show my state.

Turkish coffee cup reading is a very popular method of fortune telling in Turkey. You just drink coffee and the traces left by the coffee grounds represent the past and future of the drinker. After you are done with drinking your coffee, a thick layer of grounds sinks at the bottom of the cup. When this happens, cover the cup with the saucer, make a wish, and turn the cup up-side-down. Once the cup has cooled, the shapes of the coffee grounds cup can be read, usually at a Falcı (fortune teller).

Palmistry: What your hands tell you about your future?

Your hands tell so much about your life. Palmistry is very easy to practice. You can learn important information about your future looking at your hands. Fortunetellers look at your dominant hand to interpret your future. Your hand has six lines and each has a different meaning. The depth, visibility, shape and length of these 6 lines are believed to reveal much about our destiny and character.



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Tarot: Can you know your future from cards?

What is said about the emergence date and word meaning of Tarot is always an assumption and its origin is not clearly known. It consists of 78 cards each with its own imagery, symbolism and story and it has two main parts.

The tarot deck is composed of a series of a little secret series of 56 cards and a grand secret series of 22 cards. The former cards reflect the trials and tribulations that you experience on a daily basis and the latter cards represent life's karmic and spiritual lessons. These cards identify hidden events and situations, both visible, known and unknown. It gives information about when events will occur. Tarot is believed to be perfect for self-development, making choices and planning a business. Simply ask a question, pull a card, and dive into the imagery of the card to get instant access to your inner wisdom and the answers you need.

Syria, the Land of History

M1-20, Tasnim Azzouz

Syria is a country in Asia, bordering the Mediterranean Sea. Syria's political and economic importance throughout its history has been linked to its position at the crossroads of three continents and several cultures. Thanks to its strategic geographic location, Syria has been a hub for transit trade between countries of the Middle East for centuries.

And what about its history? Syria is in a region where many civilizations have settled throughout the history so there are many ancient cities here. For example, Marie, Meteors, Guzana, Ebla, Amrit, Apamea, Aleppo and Ugarit are some of them. They all have a great role in the development of the region. Most of these cities were buried in the earthquake. They are usually under the new cities now. In my article, I want to inform you about two of these cities.

UGARIT

It was a commercial city, with its strength, power and commercial standing in the ancient world, and Ugarit was famous for its industry and was a center of the production and sale of wood, the manufacture of metals, utensils made with high craftsmanship and precision, textiles, fabrics and dyes.

The alphabet of Ugarit is the most complete, richest and most comprehensive alphabet of the ancient world. It contains 30 letters, their language was one of the most important languages in the past, and besides their primary language, the people of Ugarit used many languages and made dictionaries for them. From Ugarit We are proceeding to Aleppo, The Economic Capital.

ALEPPO

Aleppo took advantage of these civilizations and formed its own. The historical importance of the city is due to its location at the end of the Silk Road, used to pass through Central Asia and Mesopotamia. (About 1800-1600 BC) At the time of the ancient Babylonian state, the name Halba



(Aleppo) appeared for the first time. Aleppo participated strongly in the independent political life, and the first head of national government from Aleppo was Saadallah Al-Jabri. Aleppo has rarely been talked about by archaeologists as the modern city was built in the same location with the ancient city, and excavations at Tell al-Souda have shown that the city was here about 5,000 years ago. (1606) The reason why Aleppo was so popular at that time was mentioned twice in the stories of Sir William Shakespeare in 1606 in Macbeth.

What about its castle? The history of the construction of the Citadel of Aleppo goes back to the era of one of the leaders of Alexander the Great. The castle is surrounded by a semi-circular wall and a number of towers belonging to different civilizations. Inside the majestic castle we find a city in front of us integrated with buildings, churches, mosques, halls, stores, squares, a theater, shops and a lot of antiquities. It has a history full of events, as it was the starting point and base for many rulers. Kings and leaders witnessed the most important events of the East from the Aramean era until the Islamic era.

A 21st Century Disease

M2-8, Ogün Özdemir

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A new coronavirus was first seen in Wuhan region of China in December 2019 and is known as the Wuhan coronavirus because it was identified by the authorities in this region. This is a kind of virus that causes respiratory infection and it is extremely contagious. Coronavirus is a large family of viruses. It consists of “genetic material”, in its middle part, an “envelope” around it and protein protrusions. This virus spread and turned into a worldwide disease in 2020. As of 13 November 2020, there were 53.215.700 confirmed cases, 37.289.343 recovered, while 1.301.598 patients died worldwide due to the virus.

Key symptoms of the disease that have been observed are as follows;

Symptoms of new coronavirus infection include fever, cough, shortness of breath and breathing difficulties. In more severe cases, infection can lead to pneumonia, acute respiratory failure, kidney failure, and even death. The most common symptoms of Covid-19 are:

- High Fever
- Cough
- Breathing difficulties
- Loss of taste and smell

Less common are;

- Muscle pains
- Sputum production
- Diarrhea

The new coronavirus is thought to be transmitted by respiratory secretions like other coronaviruses. Respiratory secretion droplets containing viruses that spread from sick people to the environment during coughing, sneezing, laughing or talking find their ways to the mucous membranes of healthy people and cause them to get sick. Close contact (closer than 1 meter) makes it possible for the disease to be transmitted from person to person in this way. Sustainability of the virus in certain areas is as follows;

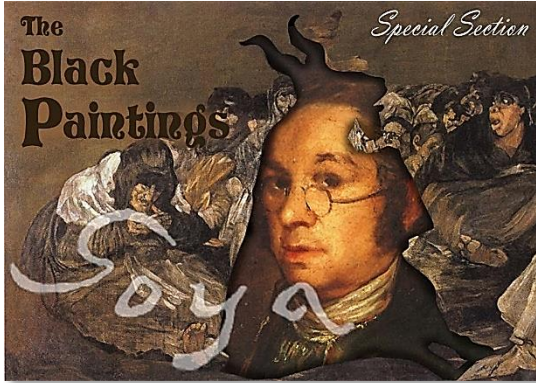
- In the air 3 hours
- In copper 4 hours
- On paper 24 hours
- On metal surfaces 2-5 days
- In steel 3 days
- On plastic surfaces 3 days
- In aluminum 3 days
- In wood 4 days

Standard recommendations for preventing the spread of infection include regular hand washing, covering the mouth and nose when coughing and sneezing, and through cooking of meat and eggs. We should avoid close contact with anyone showing symptoms of respiratory illness such as coughing and sneezing.

Since there are currently no medicines or vaccines to prevent people from getting infected, we need to wash our hands regularly, cover our mouth and nose when coughing and keep distance from people. As for the vaccination studies, recent advances in the development of vaccine seem promising. German company BioNTech, has recently announced that the vaccine was in phase 3 and the tests achieved %90 success in subjects. After a few days, an American company Moderna announced that a 2-dose vaccine had been applied to 30.000 people and resulted in a success of %94,5. Both companies announced that they were planning to start production soon.

Black Paintings

M2-3, Beyza Nur Sürer



Francisco De Goya (30 April 1746-16 April 1828) was a Spanish artist who was as a pioneer of romanticism. He worked in a Spanish palace. His paintings give us important information about the 19th century. He has affected and inspired important painters such as Manet, Picasso and Francisco Bacon.

Goya lost his hearing because of a terminal illness. That's why he got depressed. Then, the Napoleonic invasion started in his country, which affected him even more. He saw the worst sides the war. After that he isolated himself from people and moved to a new house outside Madrid with his girlfriend in 1819. The old owner of the house and Goya was deaf. That's why the house was called "Quinta del Sordo"(Villa of the Deaf) by people. Goya started his collection of fourteen paintings called "Black Paintings" in this house. He painted 14 paintings to the walls of the two story house with oil paint. His old paintings were colorful and cheerful but his 'Black Paintings' were very moody and scary. He used dark colors. Beauty wasn't important for him. He wanted to draw death, loneliness and old age.

I think his paintings are in harmony with the environment and this house. The male figures in his paintings generally represent melancholy and depression. But the female figures look quite strong. He used contrast in some of his paintings such as religion and mythology; satire and tragedy and seriousness and sarcasm. I think these made his paintings special because this is hard to express and show people.

My favourite painting by Goya is "Saturn Devouring His Son". Saturn is a Roman god. He rules time. This painting shows us that Saturn ate his children because according to a prophecy, his child would replace him. Saturn was very scared and he went crazy. He started to eat his children and he couldn't stop himself. After that his wife Ops, betrayed him and she hid her son from Saturn. This son was Jupiter and finally Jupiter replaced his father. Saturn didn't want to lose his authority. He tried to continue his existence. Saturn had replaced his father, like Jupiter. He knew how it felt. I think Saturn empathized with his father and this was humiliating and painful for him. In my opinion, Goya reflected this to us very well.

Goya actually didn't want these paintings to be exhibited to the public. I guess he knew that people would be afraid of them. Then he left home because he suffered political pressure in 1823. The house and paintings were left to his son and Goya died in 1828. After that a Belgian banker found this house at the end of the 19th century. He asked a painter to transfer the paintings on to canvas because he planned to sell these paintings at the fair. But after that he donated these to the Prado Museum in 1876. The "Black Paintings" is still exhibited in that museum.

I love Goya's painting style. His imagination makes me excited. I feel close to him and he inspires me. I think the Black Paintings is a mirror of humanity. I think you should see his other paintings and you will be fascinated by how unusual they are

Look a Little Impressive

M2-2, Atakan Döner

Here are five easy-to-learn skills that are sure to impress everyone.

1) Body Language

As we have always known, the body language shows an obvious reaction to every situation. Therefore, if you wonder about the person you are talking to, you can look at his/her eyes and hand gestures. Most importantly, try to show your palm to the person. The reason for this is that you are showing your innocence and friendly side. This plays a high role in providing communication. Secondly, eye contact has an important role in communication. This feature shows that you pay attention to the person you are talking to. Also, it creates a sense of security and gives the image of dominance. If you add a slight smile with eye contact, this will be amazing for you. Smiles are contagious. Be a carrier.

2) Power of Words

Words are effective weapons if you can use them at the correct time. My suggestion is that you should read more helpful books. Get rid of unnecessary books. I heartily recommend that you should read Kevin Hogan's books. Kevin Hogan also has a special book about words. Secondly, try not to use exact expressions and don't talk like you know everything. Even if you know, speak when necessary.

3) *Tone of Voice*

If you want to be attractive, the voice tone makes up %50 of the conversation. But don't worry. I will give you information about how you can use your tone of voice effectively. Put your hand on your back and hear the vibration. If you feel a vibration, this is your real tone of voice. This method prevents your voice from sounding too high-pitched or too deep. After trying this method, you should focus on the volume of your voice. You should not be too loud when talking. Try to speak as quietly as possible. This makes you look more confident and conscious.

4) *451235 Technique*

Now, reading these numbers can make you confused. But in my opinion, everyone has seen the meanings of these numbers without realizing it. 4 and 5 represent the last part of your topic. 1 and 2 represent the first parts of the topic. You can obviously see a lot of films. The end is shown a little before the movie starts because it makes the film more engaging and immersive; therefore, it connects you to the movie. Therefore, when talking to someone, give a little info about the end of the topic you're going to talk about and then return to the beginning of the conversation. In this way, we can create a more curious listener.

I think you have noticed that I have written four items. However, when I started my article, I said that there were 5 main items:

5) *Yourself*

You are the 5th.

Never forget to be yourself.

Romantic Relationships: Process of the Pandemic

M2-10, Elif Baştürk

There is no school anymore, and most of us don't even go to work, so our socialization has decreased a lot. What should we do in the present case? Will love end? What will happen to our feelings in the future?

Firstly, "All-day texting can damage the relationship," says clinical psychologist T. Isıyel. We have to give time and opportunity to the other person and respect his/her space. Messaging is also a huge factor on misunderstandings. Using emojis and video chats may prevent that.

Also our lives are digitalized, we have to adapt to this. Love doesn't end, but it evolves into a different state. We should try to be more positive, less fragile and less angry in our relationships because our relationships are one of the most important factors that keep our psychology alive. Stay healthy with love!

The World of Animes

MI-5, Öykü Çelik

Animes are Japanese animations. 'Anime' is a Japanese word. Animes are adaptations of mangas to films. What is 'Manga'? Mangas are comic books. What's the difference between mangas and comic books? Actually, there is only one difference. People read mangas from right to left unlike other comic books. Everyone knows that Japanese culture is different from other cultures. They always aim to be successful. Why are Japanese people so successful? Because they always try to improve themselves in every field. Anime is one of them.

People believe that 'Animes' are for children but this isn't true. In the world of anime, you can find various kinds of animes appropriate for every age, from 7 to 70. There are so many kinds like action, comedy, historical, horror, shoujo, and shounen.

Everyone has watched animes at least once in their lives. *Captain Tsubasa, Janggeum's dream, Sailor Moon, Pokemon, Sonic, Candy Candy, Heidi, Beyblade, One Piece, and Dragon Ball* are all nostalgic animes. If you ask people over thirty, they will probably remember at least one of these animes.

How are animes created? If we want to learn more about animes, we should go back to the 20th Century. It started when Japanese producers saw American caricature techniques. Americans have a big budget for films and shows, but in Japan they don't have a big budget for actors or film industry, so they created animes. There are various kinds of techniques for animes, so Japanese producers use very different characters and places. Animes became popular in 1970 and the techniques used attracted attention. In the 1980's, anime became a new motto in Japan and they made lots of animes. Mangas became popular in Japan and all around the world at the same time. In the middle of 1990 they became popular in all countries.

Like important animations or worldwide films, animes have special themes. Have you heard about Hayao Miyazaki? You might not know him but you must know his animes. Most people have seen his animes. His nickname is the ‘Japanese Walt Disney’. He has got nearly 70 awards. He has



made a lot of animes and worked alone all the time. Princess Mononoke, Howl's Moving Castle, My Neighbor Totoro, Kiki's Delivery Service and Spirited Away are his famous animes. ‘Spirited Away’ is the most popular animation and it is the 35th most popular film on IMDB. He won an Oscar award with this anime. His animes aren't getting old.

Finally, I would like to recommend some animes. Death Note, Nanatsu No Taizai, Boku No Hero Academia, Another, Yuri On Ice, Hunterxhunter, Attack on titan are my favourite Japanese animes. You should watch them.

Fun Time

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M1-3, Kerime Çöl

What do you do in your free time? You may want to escape from stress or spend your free time productively. This is your perfect right after a busy day. You may want to spend time with your family or friends. I also suggest you have some fun activities with them. One great way to spend your free time with your friends and family is to play board games. There are many board games, but I have chosen two of them for you: monopoly and taboo.

Monopoly is one of the oldest board games, but it is never forgotten. It is a lot of fun, and people of all ages can play it. The purpose of the game is to make your competitors go bankrupt by buying and developing real estate. Let me tell you about how to play. You must play it with minimum two and maximum eight people. Firstly, you have to set up the game as it says on the game box. You must distribute an equal amount of money to the players. Of course, the money is fake and just for the game. Everyone chooses a different pawn. Then, all players roll the dice. The one who throws the highest dice starts the game. You roll two dice and advance your pawn across the squares as much as your dice counts. City names and some tasks are written on the squares. You

can buy them when your pawn comes to the city names. If your pawn comes to a different square, you must do the task written there, and the game continues in this way. Everyone will go bankrupt one by one until the last person becomes the winner. That is a fun game which you can play with your family or friends.

Another fun game is *Taboo*. The purpose of the Taboo is to describe the word written on the card without using forbidden words. You must split into two equal teams. One of the teams chooses one of the taboo cards to start the game. When the hourglass is turned to limit time, the person who will describe the word takes the cards, but forbidden words are not used when



describing the words. For this, one member of the opposite team looks at the card and checks whether the player uses the forbidden words. Each correctly known card earns points for the team. The game is more fun when you can't describe the words.

To sum up, I recommend these two fun games for you to have a pleasant time with your family or friends. I hope you like them. I also suggest you spare time for yourself. Life is more stressful during this period, so we should have more fun.

What Is the Stage?

M1-23, Hilem Çalışkan

What is the stage? Stage is the area in a theatre that is often raised above ground level and on which actors or entertainers perform. The concept of stage has changed a lot throughout the history of the theater. The beginning of theatre in the world is considered to have started with people imitating natural phenomena. In fact, the history of theatre can be traced back to the 6th century. For centuries people have enjoyed drama, comedy, music and other forms of entertainments. One of the most popular forms of entertainment for people is a visit to the theater. The theater venues and stages have changed a lot along the way. The oldest of stages are estimated to have been built around 2000 BC. These were open air spaces that were built of stone and had a rectangular stage Let's look at my favorite three types of stage in the theater.

Open Air Theatres

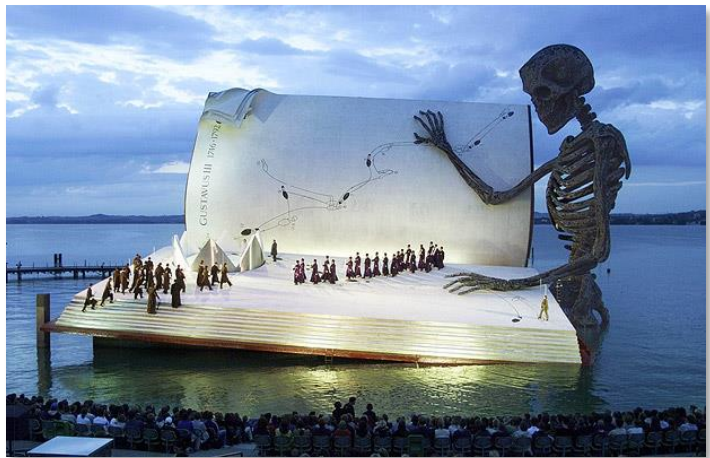
Open stage is also called thrust stage or platform stage. It was used in the first London playhouses. There isn't a roof on the stage. The cast plays with natural light or a particular sunset in open air theatres. While you are watching a play in a theatre, you can witness tears and rain mingling freely among the audience.

Black Box Theatres

I think black boxes are very interesting. The color of the walls is black. Black box theatres have been popular since the 1920's. They are also popular at the Fringe theater festivals.

Platform Stages

A platform stage is a very classical type of stage. It is very popular. It is always used in the theatres. So what is the most interesting stage in the world? I think The floating stage is the most interesting stage in the world. It is really amazing and magnificent. For example, the Bregenz Festival in Austria is famous for its lake stage. It is the famous opera festival on the world's largest floating stage.



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A stage can also be improvised wherever a suitable space can be found. There are lots of stages in the world, but if you are an actress and you have a chance to act in any theater, all the world will become a stage for you. If you are a good actress in your own life, you will receive all the applause when your acting is finished. Just like Shakespeare said;

*"All the world's a stage,
And all the men and women merely players;
They have their exits and their entrances,
And one man in his time plays many parts,"*

By William Shakespeare (from *As You Like It*, spoken by Jaques)

A Mysterious Sea Creature



M1-2, Sude Yaşar

Krill are small creatures that can be found in all oceans. They are 1-2 centimeters long and live in flocks. Their main food is diatoms, which are single-celled algae found in almost every aquatic environment including fresh and marine waters.

Krill are the food source of many whale species. Also, seabirds such as penguins and albatrosses feed on krill. The krill population has increased as a result of illegal whaling. Therefore, it started to be used as human food. This disrupts the krill-whale balance and negatively affects the environment.

Krill species from the euphausiids family have bright properties that lead to sparkle formation, so they feed on plankton near the surface at twilight. As the sun begins to rise, they are drawn to depths beyond the reach of light to protect themselves from predators. This movement, which is repeated every day, is considered vertical migration.

Krill oil started to be produced after being used as human food. This oil is rich in omega-3 fatty acids, which are very important for your health. Krill oil is less known than fish oil. They both contain EPA (eicosapentaenoic acid) and DHA (docosahexaenoic acid) fatty acids, but these acids in krill oil have a different structure than fish oil. This also affects the way it is used in the body because krill oil absorption is better than that of fish oil. It has a red color because of the antioxidant substance called astaxanthin found in krill oil.

What are the benefits of krill oil?

- An excellent source of healthy fats. (DHA, EPA... etc.)
- Helps fight inflammation thanks to the oils it contains.
- Helps improve joint pain.
- Helps reduce other risk factors for heart diseases.



Space Junk

M1-5, Ezgi Kılıç

Everything has its wonders, even darkness, and silence...

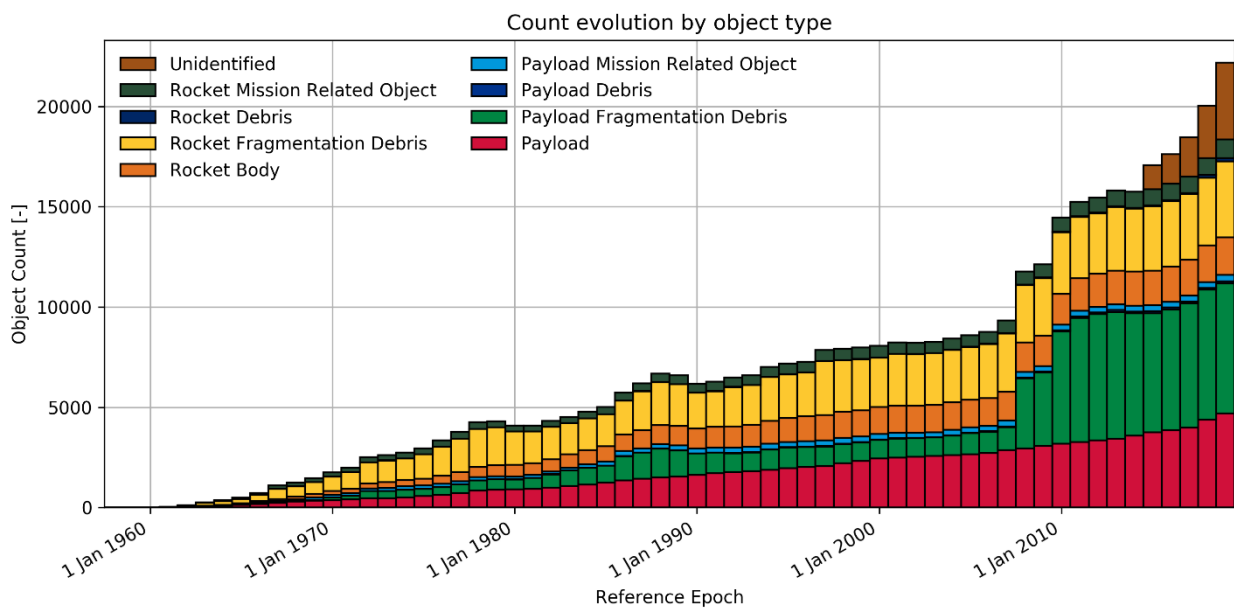
by Helen Keller

How much space debris exists in the Earth's orbit? What will the future look like? How will the universe meet its end? Everyone has been curious for centuries about this question. Scientists have begun to paint a stunning picture of how the future might unfold. I'm writing about one of these studies today. Man-made objects circling the Earth that have no effect are called space trash or space debris. Ever since the space race started, human beings have launched a lot of things into space and have polluted our orbit. 29,000 pieces of space waste larger than 10 centimeters orbit the Earth. Old rockets, mission-finished satellites, and their engine parts now make up more than 20,000 pieces of space trash. The total weight of space waste is thought to be 8,000 tons. These objects, which rotate around the Earth at a very high speed, can put astronauts and satellites at great risk as a result of a miscalculation. The Oscar-winning film Gravity is a good example of how big a problem space trash is. If a working satellite is hit by space trash, it could cause it to explode. It can also create a garbage cloud. Therefore, even a small litter is very important. Every year, a team of 200 experts researching space litter meet at the space agency's technology center of the European center in the Netherlands and talks about how space can be cleaned off it. Due to all these problems, many projects are being developed about space garbage that endangers space projects.

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At the beginning of the space age, the problem of space waste was never considered, but studies are currently being carried out because it is a serious problem. The satellites in the far away area are being parked. Those close to the Earth return and disintegrate. Large chunks break down in the atmosphere, while harder sections such as titanium and steel fall to the world. If we continue to send garbage into space continuously, this problem will pose a great threat to humanity. Currently, new satellites sent from Europe follow some rules that ensure their return is premeditated. However, the risk of collision in orbit remains.

Space is the largest part of the universe that has led us through our unknown. It has become the subject of many researches for many years. It's always been a subject of curiosity of people. If we pollute space with unnecessary garbage that we leave as a result of our scientific studies, this will become a big problem in the coming centuries. In line with these problems, it will be difficult to go into space and scientific studies will not be carried out. Therefore, I think that everyone should be aware of this issue and that space companies should do the necessary work on the issue as soon as possible. Space has always led us with infinity. Therefore, it is in our hands to use and protect what it has given to us.



The Owner of the Known World: Alexander the Great

M1-28, Fatih Karaoğlu

In 334 BC Alexander, King of Macedonia, began one of the greatest military campaigns in history -against the superpower of the age- The Persian Empire. Just 20 years old, his brilliant and fearless leadership won him battle after battle and in an astonishing 10-year campaign that took him to the edge of the known world, he carved out one of the largest empires ever known. Few men have had such a massive impact on the course of history.

Alexander the Great was born in 356 BC to the Macedonian king Philip II and his wife, Olympias. At the age of 13, Alexander was personally tutored by Aristotle. Alexander learned

philosophy, medicine, politics and art from Aristotle. Philip II was assassinated in 336 BC. Alexander was not a clear heir to the throne and he rallied the support of the military to help him kill his potential rivals. The Greeks were finally going to make good on the ancient dream of conquering Persia and the assembly unanimously voted to make Alexander supreme commander of Greek forces. Alexander the Great could now turn his face to the east, with no obstacles left. When Alexander learned from his father, he developed the army much better. His mastery of what was in that day combined arms warfare saw him utterly crush The Persian forces laid out against him. With defeat inevitable, the Persian King fled the battlefield with the few forces that could muster into a hasty withdrawal. Darius III was so hasty in his retreat that he even left behind his own wife and family and his mother was so ashamed of him that she disowned him publicly and adopted Alexander as her own son. This gesture would be paramount to Alexander's cementing of his grip on what was formerly the Persian Empire. Over the next few years Alexander would continue his push east and south, striking deep into the Persian Empire and taking Egypt. Alexander became the king of Persia after this incident. Alexander treated them well and wanted them to be loyal. He did not force conversions of Persian culture or religion, the way most rulers did back in his day and instead actually adopted many Persian customs for himself. He took the Greek culture to the Persians.

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He's always been a good leader but like everyone else, he could not escape from one thing: death. Some believe that he was poisoned by a political rival of which he had many both on the Greek and Persian side. Others believe that he died due to malaria which he contracted during his travels in India. Alexander left them a beautiful legacy. But they fought over this legacy. The whereabouts of Alexander's tomb are unknown. Centuries have passed but it is still not found. All that remains of him are his wars, his policies of tolerance, and his memorable words:

“All things we have achieved with the sword are neither safe nor eternal, but the love gained through goodness and moderation is both firm and permanent.”

What Is Life Like as a Mechanical Engineer?

MI-18, Aslı Şan Dişçi

Mechanical engineering can be considered the oldest of all professions. Long time ago, when nobody knew about engineering, people tried many kinds of ways to produce devices to make their life easier. This development got the people to the next step. And they created a field of profession called ‘Mechanical Engineering’. Throughout the years, it has been advanced by people, and you can see the effect of mechanical engineering in wherever you look and whatever you use in your daily life. After all, people may ask the question if their behaviours become like a machine as mechanical engineers spend their whole time with machines.

Everyone acquires habits according to their professions. Mechanical engineers work in an organized way like a watch. Moreover, they have creative brains, as well. Because of these reasons, most people think that mechanical engineers have just mathematical intelligence. But contrary to that popular idea, they do great work by combining mathematical and emotional intelligence, and they do a great job.

While other people think that mechanical engineers get lost in the noise of the machines, they may swim in pool shaped as a musical note. They can learn to play a musical instrument with their mathematical intelligence easily! You can see a mechanical engineer on a stage as a soloist, a guitarist or a drummer.

They also love reading. When you view their workplaces or houses, you’ll see so many books, magazines on their bookshelves. Don't think they are all about technology or engineering. They always have time for literature. This makes them feel relaxed and make their brain more

creative. On the other hand, as they read more, they publish more articles. Reading makes them strong at being a leader.

We can add many features to the lives of mechanical engineers that we cannot count. They are in all parts of life. Look at the hands of a mechanical engineer carefully. Maybe they are holding a microphone and a machine tool in their hands at the same time.

When we decide on our jobs, we must be careful because our jobs are our lives. If we think that our jobs are like our hobbies, we can be the happiest people in the world.

Like the other people who have a different profession, mechanical engineers live enjoying themselves if they are happy in their job! In conclusion, if you want to be a mechanical engineer or do the job that you wish, love your job!

American Filmmaker, Writer, Painter, Actor and Guitarist in a Heavy Metal Group

MI-26, Buse Temürçi



David Lynch is a film director who likes to confuse the minds of his audience. This is the reason why he is the most interesting director of American cinema and one of the leading names of the Film Noir* trend. He is also known as the ‘unconsciousness’ or ‘opposing’ director. In his movies nothing is what it seems. He has bravely created movies for the public with his own style, although he has often been criticized. However, he has never been afraid of this kind of reaction and he succeeded.

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‘Film noir is a beautiful feeling for trouble and the realm of the unknown night, I like it because it allows the viewer to dream.’ David Lynch

After he got a degree from the School of Fine Arts, he enrolled at the Pennsylvania Film Academy and he produced his first short movie *The Alphabet*, which he made with a school scholarship. After gaining experience as a movie producer, Lynch made a 34-minute short movie in which he shows off his dark style. In 1977, he shot his black and white movie *Eraserhead*, which was Lynch's first feature-length effort following several short movies. He rose to fame in the 80's with his first movie and masterpiece, *The Elephant Man*. After the success of the novel *Dune*, he adapted *Dune* for a film, but it was not well received by critics. He learned from his mistakes and he became a great film director with the movie *Blue Velvet*. Lynch has also been involved in a number of music projects, many of which related to his films. Some famous artists recorded music for his movies. Some of them are Rammstein, David Bowie, Marilyn Manson etc.

In his movies, his stories follow a nonlinear timeline. We can see this in *Lost Highway*, *Mulholland Dr.* and *the Inland Empire*. His films are not meant to be understood, but the viewer is meant to get lost in them. Lynch likes to reveal American's weird sides. He also loves to write about the dark environment, disturbing characters, and polarize the world as good and bad. In *Lost Highway* and *Mulholland Drive* we can see both a scary universe and disturbing characters. The metaphors in other Lynch movies have never been more powerful. Even if *Mulholland Drive* reveals secrets in the beginning, this is one of the director's most chaotic works. There are too many unanswered questions and unsolved mysteries. As mentioned before, Lynch's works are full of different stories, but figuring them out isn't the point. The movie director uses metaphors, paradoxes and highly contrasted universes to symbolize his work. His stories are dreamlike and surreal, while still linked to reality. All of the characters are as scary as they are originally. Especially the female characters who are extremely dominant and furious.

As for the metaphors, in *Blue Velvet* the main character's father has a heart attack while watering the garden. The hose that stops working symbolizes the blood vessel that causes his heart attack. In addition, for David Lynch, fumes symbolize an end, death or danger. Moreover, electricity and lighting devices symbolize life. When looking and examining all this, Lynch's biggest fight is between pure good and evil. To conclude, the best way to learn more about David Lynch and understand his style is to watch some of his movies.

Being a Psychologist

MI-31, Sema Yıldız

It is always said ‘If we want to lead a happy life, we must choose appropriate jobs for ourselves.’ I think that is true although it may not be easy because there are many factors affecting our choices in life.

After the university exam, my parents advised studying law since law is a prestigious field in our society. However, I was not into law. Since I know about my desires, needs and dreams and I know about myself better than they do, I decided to study a field that I always loved and I got into the department of psychology at Bursa Uludağ University. I believe everybody should definitely do the same thing because we live only once, and we should do whatever we love doing.

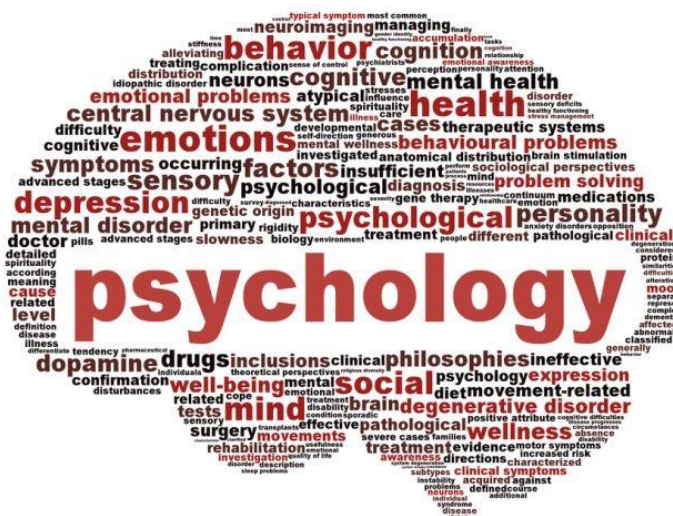
When it comes to importance of being a psychologist, I can say that life is full of hardships and there are some people who are struggling more to overcome the difficulties and tend to be more miserable than others. Psychologists are the ones who give them professional assistance. They listen to the patients without being judgmental and do their best to help them cope with the difficulties in a healthier way.

Of course, while you are helping the patients, you constantly keep discovering new things about yourself. Hence, it constantly improves you. I consider it a great job for those who are eager to improve themselves.

Psychology is a very comprehensive science. It has many sub-fields. If you choose psychology, you can be a clinical psychologist, developmental psychologist, educational psychologist, forensic psychologist, health psychologist or neuropsychologist.

You can work for private workplaces, government, hospitals, courthouses, child welfare institutions or start your own business.

Do not worry if you get confused, as there are too many sub fields. After you determine your major, you will have a lot of time to choose the subfield that you will be interested in.



If you are indecisive about studying psychology, ask yourself if you are interested in human behaviors and the defense mechanisms. Are you interested in analyzing people and helping them? If yes, you should think of studying psychology.

Never forget:

'Choose a job you love and you'll never have to work a day in your life.' Confucius

Human Brain

MI-10, Serap Güden

The brain checks up on our ideas, emotions, feelings and movements. Well, how does the human brain work? Actually, it is a very difficult question. Brain is a quite complex organ. Signals come to our brain from different parts of our body and the brain has lots of neurons. What's the meaning of neuron? Neuron is a nerve cell. The brain with its neuron evaluates incoming signals and answers the information. It does this very fast. In this way, we hear, see and move situations etc. Well, how much does our brain weigh? An adult's brain is 1,4 kg and a baby's brain is 350-400 g. Our brain is quite light, but it is responsible of serious tasks. Also, it has its own unique structure. Brain has right and left lobes. If your brain's right lobe is dominant, you might be creative and you might love dreams. If your brain's left lobe is dominant, you might love maths and solving problems. That's amazing. Our brain decides everything in our life. It's a difficult job. But sometimes things go wrong. For example; you have a dream and you want your dream to come true. But you do not do anything for your dreams or goals because brain plays tricks on us. Are you surprised?

Everybody is afraid of something. Fear is a very natural emotion. We need fear to live. But sometimes we're too scared of our own thoughts and the brain protects itself. It doesn't take a step for our dream and it always postpones what we do. We all experience it. Well, why does this happen? Because you don't believe in yourself. People say bad words to themselves every day. For example; I can't do this, I have a dream but it is impossible, I'm ugly, I'm an idiot... Unfortunately, the brain believes our words. Yes, the brain is a complex organ but its working logic is simple for dreams. Believe, work and don't give up. Also, the brain doesn't know the difference between the reality and dream. So you are what you believe. Be gentle on yourself and your brain. Take a deep breath and step into your fears. Do not forget that you just have one life...

Evolution of Money

M1-27, İlkan Esen



What is money and why do we need money? The first money emerged in 2000 BC. Today, banknotes are used as money; however, in the very beginning, people used the barter method. Barter method was used in farming more. For the barter method, people had to need that object. If the person did not need, shopping took a long time. Another difficulty in the barter method was the issue of appraisal. This situation was overcome with the first coins made by the Lydians in 600 BC. The minted coins were made of electrum, a mixture of gold and silver, and they were not identical in shape and size. The coins were a certain standard according to weight. Shapes were stamped on the coins as a guarantee of weight and purity. Expensive goods were difficult to pay for, so people started new searches. These searches resulted in paper money produced in China.

First banknotes were produced in China in 806 AD. They were lighter than coins, and easy to carry, so the interest in paper money increased. At first, Europe could not switch to paper money as quickly as China. The first paper money was printed in Sweden in Europe in 1666. In the Ottoman Empire, the first paper money was printed in 1840 during Abdulmecid.

There is a lot of different information for the first credit card used, but the first credit card was used in Turkey in 1968 for Diners Club. The first ATM in the world was used in England on 27 June 1967. The first ATM in our country was established in 1982 by İşbank. It was called Bankamatik.

After ATMs, another important development is telephone banking. Telephone banking was first offered to the members of the "Nottingham Building Society" in 1983 by the Bank of Scotland. The bank had a developed system named 'Homelink'. With this system, home phone was connected to the television so that some of the banking transactions were done. Thus, the idea of internet banking came out. In 1990s, a finance programme named 'Microsoft Money' was first written. In addition, the first internet banking website was created by 'The Stanford Credit Union'. Technology constantly improved, and the internet kept up with this improvement. In addition to these developments, security weakness started to occur. Banks and companies had to use a two-step security and pin method. Today, two-step security checks are used even on social media accounts.

Money has constantly improved. With the development, electronic money has emerged. One of the virtual currencies is Bitcoin. Bitcoin is not connected to Central Bank and government agencies. The Bitcoin network was started on 3 January 2009. Bitcoin is mostly used for informal shopping and Deep Web. The value of Bitcoin has increased compared to the first years.

In the future, we do not know what will replace electronic money, but it seems virtualization will increase. Maybe, banks will close, banknotes will disappear, and there will be an increase in cyber security crimes.

Benefits of Doing Sports

M1-16, Vedat Göktuğ Çulgatay

Many people do not realize how important it is to exercise. Sport provides us with many benefits both now and in the future. Well, what are the benefits of doing sports?

Physical health benefits:

- It strengthens the muscles and enables a better quality of life.
- It increases body endurance, gives flexibility. It strengthens bones and increases bone density.

- It helps keep your weight balanced and reduces the load on joints.
- It prevents heart disease and depression. It improves your immune system.
- It regulates blood pressure. It reduces the risk of high cholesterol.
- It prevents conditions that can cause health problems by reducing the risk of heart disease and keeping blood pressure normal.
- It reduces the development of osteoporosis disease risk.
- It lowers your heart rate.
- It protects against progressive obesity and it helps you lose weight.
- While it helps you keep blood sugar in the ideal ratio, it increases the sensitivity of the tissues to insulin and provides better control of your blood sugar.
- It helps you get rid of headaches caused by various reasons. It helps to reduce your waist, back and neck pain.
- It gives plenty of energy. It provides the energy you need in your daily life and in emergencies. It increases your physical performance.
- By increasing your lung capacity, it increases the level of oxygen passing from the lungs to the blood.
- It helps increase the strength and endurance of your respiratory system.
- It increases your body's resistance to upper respiratory tract infection. It reduces the risk of prostate cancer.
- If you have high blood pressure, it reduces the need for medication by 20-30% to control it.
- By strengthening connective tissues, it reduces injuries that may occur due to age.
- It allows you to get rid of many problems such as low back pain and constipation when you are pregnant.
- It helps protect against the physiological side effects of medications.



Mental health benefits:

- It regulates sleep and provides a comfortable and deep sleep.
- It increases mental alertness and helps you think healthily.
- It increases your self-confidence by providing a good physical appearance.
- It helps you get rid of your fears and return to your normal life by making an effort to overcome the disease after major surgeries.
- It improves your ability to memorize brief information, and helps you relax and enjoy life.
- It helps to suppress your appetite with its short-term effects.
- It helps you reduce stress and improve your general mental state.

Other benefits:

- It helps you meet new people and make new friends.
- It increases your work efficiency.
- It helps to reduce healthcare spending and drug use.

Finally, sport is often neglected, but this is our health, not the sport itself.

Here Is the Fashion of Fall-Winter 2020-2021

MI-14, Sueda Akten

The motto of the 2020/21 Autumn-Winter show is “Am I happy? Do I have a life or am I just living?” And all these questions were answered with a moss green suit, a fisherman's vest, or a suit covered with animal patterns.

Dark greens, red browns and the best beiges will decorate your closets this year. Be comfortable because the softest and warmest suits are waiting for you.

Dresses: Polka dot or shirt dresses are one of the trendiest dresses we will wear in winter. Wide-fitting knitwear and sweater dresses are especially prominent in black colors.

Jackets: We will see more leather or bomber jacket models this winter season. In addition, blazers with a feminine / masculine appeal will be a more comfortable choice as a timeless alternative.

Jeans: If denim was the only option for this year, the '70s style would be the first. Pale colors and boyfriend designs are more popular in jean pieces. Aged jeans and ripped jeans are also among the eye-catching designs.

Skirts: A retro wind blow is in the fashion world in the fall-winter 2020-2021. Maxi and denim skirts are the star skirts of the season.



Coats: Sometimes timeless, sometimes modeled according to seasonal trends, three main coat trends stand out for the fall-winter seasons 2021 trends: ultra-chic designs (belted or double-breasted), basic trench coats (leather this season) and capes in noble designs. But again, faux furs in green and brown variations are also popular coats.

Shoes: Since shoes continue to be one of the indispensable accessories, here are the trend shoes for the fall-winter 2020-2021. Moccasins are among the trendiest shoe models this winter. Military boots, riding boots, biker boots, suede boots are the latest winter boots trends.

Sports Shoes: Whether they are from the designs of the biggest brands or not, they can become fashionable over time. Sneakers are always a must-have in street fashion.

Bags: As an accessory and the most important piece for women, the bag has a unique effect that creates a look almost on its own, just like a well-chosen belt. This summer, straw bags were at the top of our wish list, but this winter we are choosing more urban bags but still with a certain fashion dimension. Vintage bags are among the trendiest classic bags that can be invested in in the new winter season. The new designs of Chanel, Louis Vuitton and Dior are also among the trendy designs.



As for 2021 fashion colors, natural tones like beige, dark blue, black and chocolate tones are among the trendiest colors. The colors of the 2021 Autumn / Winter Fashion are followed by the patterns, while the tennis line and goose foot patterns outline the winter fashion.

How I Met Your Mother

M1-8, Gamze Kuru

How I Met Your Mother is a famous American sitcom. This series premiered in 2005 and ran for 9 seasons. The story is set in New York City and tells the funny memories of five friends. The characters in the series are Ted, Marshall, Lily, Barney and Robin. Marshall and Lily are married. They fall in love at first sight. Ted falls in love with Robin at first sight as well. Although there are many changes in their lives, his love always remains that way. My favourite couple is Ted and Robin, but I really like the funny and loving relationship between Marshall and Lily.

Let's have a look at the characters in detail:

Ted Mosby: Ted Mosby is the main character. He is an architect. I think he is very handsome and charismatic. Sometimes he is silly, but in my opinion that makes him attractive. He's always been in love with Robin so we can say that Robin is his soft spot.

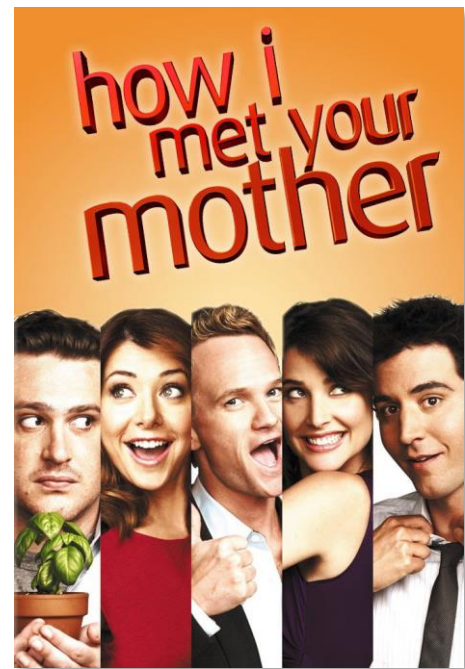
Marshall Eriksen: He is Ted's best friend. Marshall lives in New York City with Ted and sometimes with Lily. Lily, Marshall and Ted are best friends! Marshall studies Law. He falls in love with Lily and he thinks about getting married. He does anything for his best friends.

Robin Scherbatsky: She is Canadian but she moved to New York when she was young. She dates both Ted and Barney. Later they become best friends. She has a lot of dogs. She doesn't want to get married. At the end of that series, Barney and Robin get married. She always says 'but mm.' She is beautiful.

Barney Stinson: He is not thinking of dating or marrying. Nobody knows what he does. He always wears suits. His catchphrases include 'Suit Up' and 'Legen-wait-for-it-Dary'. He is one of Ted's best friends. He is charismatic.

Lily Aldrin: She is a kindergarten teacher, an aspiring artist, and Marshall's wife. She is terrible at keeping secrets. Her best girl friend is Robin whom she met through Ted.

If you want to witness their heart-warming friendship story full of clever jokes and funny stories, watch the series. I am sure you will like it.



A Controversial Historical Figure

MI-29, Berkay Batuhan Demir

Hasan Sabbah was born in the city of Kum, Iran. He was a Great Seljuk statesman who was educated in mathematics, philosophy and logic and knew martial arts. He was removed from the palace due to the war of office with the Vizier Nizamülmülk in the Great Seljuk state and became an enemy of the great Seljuk State.

He trained loyal spies and murderers in Alamut Castle. His spies were trained in martial arts, logic and politics. It created a parallel structure within the Great Seljuk State and left the state in a difficult situation in terms of politics and economy. The spies assassinated many statesmen and created a cloud of fear over the statesman. His spies killed the head of state and their viziers. Historians cite that the great Seljuk Sultan Sencer gave up fighting with Hasan Sabbah as his spies and murderers were everywhere. The reason his spies was so good was because he promised them false heaven and poppies. Hasan Sabbah fell ill and died in his later years.

According to the rumors, he prohibited drinking alcohol in his castle and killed his two sons who did not obey this law. Hasan Sabbah was the feeling of revenge itself. He was an effective political intelligence in the decision-making of states. Even though he was a pawn, he always thought like a king. Alamut Castle was destroyed by the Mongols in the following years. History always repeats. Such formations of the state must be crushed by men. Nations should not be divided as thoughts and should reject everything that is not reasonable and logical. Nations must be alert to the enemies within.

Remember, "HISTORY IS WATCHING US".

Future Global Changes and Eating Habits

MI-18, Merve Nur Üzüim

Food is part of life and there is no doubt that this won't change in the future but we can't say the same about our eating habits. You know that our eating habits are changing and will continue to change. For example, we eat more packaged food and fast food than before. Well, if our eating habits have already started to change, what will happen in the future? Let's have a look.

You know, global warming is the biggest problem in the world today and it will be the same in the future with increasing population. So, will global warming change our eating habits? Of course. But how? For example, soil kinds will change with global warming and crops grown in the

soil will be affected by this situation. For example, growing time of vegetables and fruits will change and human intervention will increase. As a result, we will consume more hormone injected fruit and vegetables. Our body will change due to this situation. Abnormal growth and rapid weight gain can be examples for this change.

Secondly, the number of fast food companies will increase and these companies will use more additives in the foods for more customers. They will especially market them to get the attention of young people. Adults will also choose to eat these foods because working population and working hours will increase. As a result, when people come home, they may not want to cook. In this case, they will choose fast food because it is fast and easily accessible. That's why, I think an increase in fast food consumption will be inevitable.

Thirdly, we can also mention the increasing population problem. Well, how can the increasing population affect our eating habits? Well, let's think about China. China is the most crowded country in the world. As a result, their food resources run out quickly and they eat everything they can eat like bats, grasshoppers, insects, etc. They invite various diseases by consuming such animals in an uncontrolled way. You know a virus that passed from animals to humans appeared in China last year. I mean in the future, many countries might experience similar problems about food shortage like in China, so we might fight more epidemics.

Finally, changing cultures can also affect our eating habits. You know every culture has different eating habits and of course, cultures will change in the fast changing and developing world. In addition, different cultures will live together and affect each other. In short, our eating habits will be inevitably affected by changing cultures.

In conclusion, it is obvious that our eating habits will change due to many reasons such as global warming, cultural change and population increase in the developing and changing world conditions. In this case, considering the negative effects on our health, it's our responsibility to identify and prevent foodborne risks.



Bariş Manço: A Man of Wisdom

M1-36, Serenay Sassin



All the children in the world love him so much. When they were a child, he was 'Bariş Abi', and when they grew up 'he was a man of wisdom who tells them about the world.' His grandmother once said to him "The tongue has no bones", so he thought we should pay attention to what we say. That's the reason why people loved him. His short life doesn't fit in books. His life is an example for us. Here is his short but meaningful life...

Bariş Manço was born on 2 January 1943.

Bariş Manço has its origins in the early years of the Ottoman Empire. His family named him 'Bariş' because he was born towards the end of World War II. He is the Mançozade family's the most famous member. His father's name is Hakkı Manço and his mother's name is Rikkat Manço. His mother was a Turkish Art Music artist. He started his music career during the middle school years. He went to Galatasaray High School. One day, he went to a movie with his friend. The movie's name was 'Rock Around the Clock'. They thought this movie was so exciting and impressive. This movie was his turning point. They tried to make their own musical instruments. He founded a music group with his friends in Galatasaray High School. The group's name was 'Kafadarlar' and this was his first group. His second group's name was 'Harmoniler'. Then he moved on to Şişli Terakki High School.

He finished high school. After that, he studied graphics interior design and painting in the Belgian Royal Academy between the years of 1963-1971. He joined a music group in Belgium. Its name was 'Lemistgress'. This group had American, Belgian, Italian, North American, and British musicians. He believed that music had a universal power. After that, he went to Paris. He made two records in 1966, in Paris. He returned to Turkey in 1970. He was influenced by the successful singer Elvis Presley, but finally he found her own style. Because he was an Anatolia lover, he aimed at introducing Anatolia to the whole world. Bariş Manço, Fuat Güner and Mazhar Alanson founded a music group and its name was 'Kaygısızlar'. He made a special song and its name was 'Dağlar Dağlar'. He made 2 different versions of the 'Dağlar Dağlar' song. The record company didn't

accept it. They said, “It is something unprecedented. We can’t trick people.” Barış Manço felt guilty. He didn't think that he was cheating people. He just wanted to do different things. His hair, clothes and jewelry were already different from everyone. Six months later, that song did come out. He said “If it weren't for that song, I wouldn't be here.” So he had great success with that song. He won a gold record with this song. In 1971, he worked together with ‘Moğollar’. After that, he founded ‘Kurtalan Ekspres’ music group. He got married to Lale Manço in 1978. They had two sons. His sons’ names are Doğukan and Batıkan.



He made a song and its name was ‘I'm a song’, so he won a gold medal in ‘Gold Orfe’. He attended lots of TV programs as a guest in other countries. He gave concerts in a lot of countries. He joined Eurovision in 1983 but he could only reach the semi-finals. In 1988, he made a TV program on TRT 1. Its name was ‘7'den 77'ye’. He made lots of songs and he won 12 gold prizes and a silver one. Lastly, he died on 1st February 1999 in Moda / Istanbul.

Self-Improvement Books

M1-26, Fatih Kayım

Reading is a hobby for most people. Nowadays, it is easier to access books compared to the past, and we are now aware that more people are getting into the habit of reading books, so now different types of books are written. We said that reading is a hobby and hobbies are activities that people enjoy doing in their free time. Based on this, we can say that reading a book gives pleasure to most people but not every person is pleased to read a book and not every book can bring pleasure to a person. For example, today's informative and intriguing books may not be treated very fondly. Self-Improvement Books have also been among these books from time to time, but they have never lost their value for true book lovers. In short, we can say that some people have a prejudice against Self Improvement Books.

Let's talk about the concept of self-improvement. Self-improvement is the self-sufficiency and ability of a person to meet their own needs without the help or guidance of another person. This can be achieved through books, various videos on the internet, sites and courses. I will talk to you about self-improvement through books which are known as Self-Improvement Books.

Self-Improvement Books can help with the individual problems of people as well as the problems they experience in society. For example, some people have difficulty communicating with or understanding other people. The reasons for this may be because she/he does not know the other person sufficiently and she/he lacks the body language or verbal communication. As a solution, she/he wants to learn how to get to know the other person better or how to be more active in body language and spoken language. Here the individual wants to overcome this problem. You can consult Self Improvement Books and access many books written on this subject. Well, what is the content style of Self Improvement Books and how can they help?

The outer cover designs and names of Self Improvement Books can be really interesting. Thus, it increases the opportunity to attract the reader. Its content can be anything, for example, it can address a problem, talk about what can be done to achieve a desired situation, or it can be written for success or similar issues, so a problem is not always addressed. Self-Improvement Books can actually be called a type of book in which the author or someone else shares his/ her experiences with the reader. It enables these books to motivate the reader in general and to be able to understand and question some things. It wants to relieve the burden of the problems experienced by the individual and at the same time shows him a way. So how does it do this? For example, it can give an example through another person in the world. This is a really effective method because this way the person understands better that nothing is impossible.

So, as a result, can this person find the solution she/he is looking for? Of course, this is not always the case because the result is that one has to find a solution on his own. Self-Improvement Books are only a tool here and encourage the person to think healthily and ask himself the right questions, like a guide. Sometimes reading a book is not enough to find the solution, we may need to read many books.

Why Do People Lie?

M1-10, Elif Süzük

It is one of those rare things we do, even when we often say we don't; it's a lie. Everyone can tell a lie in any way. They don't have to be rich, poor, old, young, man or woman... It has no class, rank, gender, or title.

However, it has colors. Moreover, these colors also have a habitual name, the cleanest white, the sweetest pink, the painful black! It has endless excuses. There are those who have remonstrances, "I had to do this".

To gain benefits, to avoid penalties, to feel the need for approval and acceptance, to evade criticism, and more; like these... people always want to see themselves right.

However, there are also lives that end in colors. Neither yesterday nor today; neither white nor pink could prevent this. There are lost trusts, there are relationships of unknown faces. There are people living inside a lie. Despite all these, it will never seem to end. There is no point in experiencing something that does not exist.

What do people gain when they say something they haven't been, haven't reached or felt? I'll tell you sir. They cannot even deceive themselves. They are left alone with the situations in which they make themselves fall.

I ask you, who pays the price of saying we are good when we're bad, we are happy when we're sad, saying we love when we hate. Of course we are the ones who lose when we think that we have won ... While some of us look for instant happiness, while some of us escape from the truth, we fall into this hole, again, good or bad. In fact, isn't everyone aware of everything? Everyone knows what is right and wrong very well. Then, why do these people still console themselves? Why do not these tricks end? Unfortunately, we will ask why again and again going 2 steps forward and 3 steps backwards. Sneakingly, people may envy everything, as a matter of fact envy balefully the others. They are never satisfied with themselves. They try to make themselves perfect. Egos compete to be the best. Actually, we are always incomplete without one of us. We exist with our mistakes and our deficiency, mostly with facts.

Let's go to real!

Before the colors get dark, the excuses run out and the hearts are broken, this trend must end.

A Patriot Poet

M1-30, Merve Güler



History is a common game of victories and defeats.

History tells us stories by showing the time and place; countries, nations, events and connections between these events, mutual interactions, civilizations founded by nations, internal problems of

civilizations and so on. History is a science in this respect. History isn't only a science. History is life. It is past, present and future.

We live today but we shouldn't forget the past. What happened on this day? I will tell you only one of them; the death of a poet on this day, December 27, 1873 in Istanbul. His first religious education was given by his father. He started primary school when he was only four years old. He was a hardworking student. His father died when he was in high school. Then their house burned down in the same year. He started to study at veterinary school. He was interested in poetry and sports in those years. He was interested in wrestling, swimming, jumping, shot put and running. He graduated from high school ranking 1st at school. He worked in Edirne, Rumelia and Arabia after graduation. He was a veterinarian and a teacher. These travels affected his way of thinking.

Mehmet Akif Ersoy got married to Miss İsmet when he was twenty-five years old. He published poems from 1908-1910. The names of the poems are Küfe and Seyfi Father. He went to Egypt, Berlin and Arabia to collect information during World War I. After that, he came back to Anatolia when he started his profession. He gave speeches in mosques in Kastamonu, Balıkesir and Konya to support the Turkish National Struggle. People were impressed by his speeches and poetry. He became Burdur deputy.

He wrote the most important poem for Turkish nation. Its name is İstiklal Marşı (The Turkish National Anthem). It ranked first among 724 poems. The poem was accepted on March 18, 1921 as the national anthem of Turkish Republic. It was composed in 1924. It was declared the "National Anthem of the Republic of Turkey."

He went to Egypt. He taught Turkish language and literature there. He suffered from cirrhosis in 1935. He returned to his own country in 1936. He died in Istanbul on December 27, 1936. His grave is in Edirnekapı Graveyard.

He died, but left immortal literary works. He brought all his poems together in his book called Safahat. The book consists of seven chapters, but it doesn't include Turkish National Anthem. When he was asked for the reason, he answered: "It isn't mine, it belongs to my nation."

Mehmet Akif Ersoy was polite, honest, loyal and modest. He said, "I can't applaud persecution. I can never like cruelty." He devoted himself to his homeland and nation.

We remember him with respect and mercy...

Let's end up with a quotation by him;

"There is just a simple difference between you and those who leave a mark in life. They strive for a lifetime; you are astonished throughout your life." Mehmet Akif Ersoy

The Rise of Lens

M1-25, Aylin Çelik

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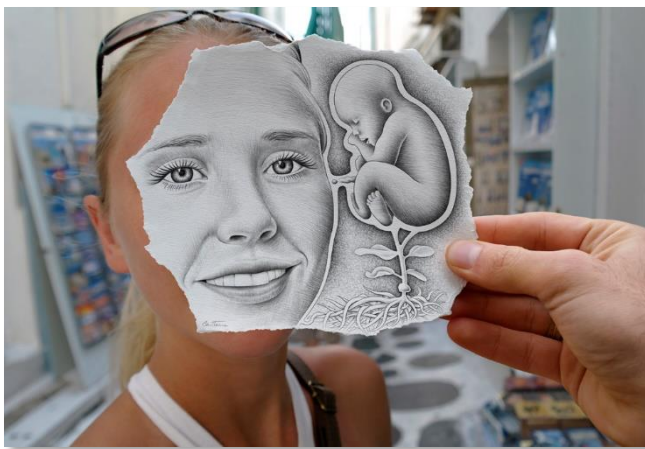
Voltaire says that all arts are siblings and all arts affect other arts but the relationship between photography and painting is so complicated. People have been drawing what they see around them for centuries. They want to transfer what they see to the future. At the beginning of the 19th century, the way to record an image more easily and perfectly was found by Joseph Nicéphore Niépce-photography's founder- who took the first picture and a new door opened in art history.

He took this photo in eight hours. That is, painting is slower than taking a photo, so Nicéphore was faster than all of the painters. Joseph Nicéphore's photo stirred the art world. There were two different opinions on this issue. The first idea was the idea of saving art from the bother of documenting and opening new doors for it. Actually, in my opinion this idea is kind of correct because painters could focus more on intangible paintings. The reason for this was that the photographers were conveying the concrete part of art more accurately. The second idea was that photography devalued art and photography replaced painting. I don't think that this is correct. Photography didn't replace painting.

Photography have even supported painting in many ways. For example, painters made mistakes in drawing living models and those mistakes were very big. The biggest mistake was in Theodore Gericault's painting. Was there anything strange about horses running? Yes, there was. Look at their horseshoes. The horses look like they're flying. This mistake was noticed when the camera was invented and a lot of mistakes like this were fixed. Osman Hamdi Bey- one of our valued painters-also benefited from the photographs. I mean there were painters who benefited from photography but some painters didn't like photography because they could lose their jobs. They could be right but this never happened. Some painters criticized the cameras because of their art preoccupation. Painters who did not see photography as a threat took advantage of photos. Photography was criticized, too. Painters said that photography is technical and functional, so it kills art. A lot of painters defended this idea. People started to ask what is art and what should art be?



It was normal to ask these questions. The other criticism was that the photo was fixating the reality and allowing it to add interpretation. This criticism was correct in the beginning, but photographers had broken the chains and they added something from their own soul. Thus, photography has also gained an aesthetic identity. This art sprawled to the world over time and everyone is using cameras now. All new inventions were criticized. The invention of photography shared the same fate with other inventions but now taking pictures is so important to us. We can use cameras very easily and quickly to immortalize our moments. Looking at these memories later on



makes us happy. We owe this happiness to the invention of photography. This invention, which was once in the centre of criticism, is one of the most valuable part of our lives now and who knows, the innovations that we criticise nowadays may be as important as taking a photo later on. Therefore, let's act and live by taking this into consideration.

Little Derrida and Stuff like That

M1-25, Fatma Çavuş

Master of deconstruction when says “Forgiveness is divine.”, was not the first to speak of an inherent creation with that man cannot possess. Forgiveness is a creation and contrast is another creation that reveals words in context of meaning.

The “cogito ergo sum” approach that connects the “Perfect God” to the existence of the idea of the perfect God by forming two entities would be acceptable if the basis of thought was not imagination.

The son of man had to create God before creating the forgiveness for the basis of forgiveness. Forgiveness cannot be integrated with the son of man. Forgiveness must be carried out regardless of any benefit purely gratuitous. Forgiveness made with material and spiritual satisfaction is blank, and it is not divine. It is incomplete. As a new concept, itself is far from forgiveness, but only satisfaction. Since human beings are in a reptilian situation where they cannot even become human beings, it is arrogant to expect donations. Likewise, humility is arrogant. It is arrogant. Is it an egoist behavior done to believe that humankind itself is better, like forgiveness? “Conscience is God” is wrong, as Descartes said, for it is born out of imagination and is based on metaphysics. While dualist and monists are satirizing, it is likewise arrogant to admit the existence of the soul without evidence. With the will of the sublime... it is like forgiveness...

“Forgiveness is divine” is an indisputable reality. “The bond of interest” is humanity itself. One’s reason to be loved is one’s characteristics, not her/himself. Essentially love is not inferior, like hate. Ditto, humans are not “holy creatures”. No criterion is inferior unless the form selected criterion is descended. In this case, not the criterion, but the creatures are inferior because they ignore the value judgments. I’m full of hatred for the sublimity of the son of man. Humans are not their own god; as human forgiveness is arrogant. Is it the creator attempting to forgive the person who has made us suffer from the moment we created our pain or is it the “Narcissus” in us with the thought that we are enormous?

“The heaviest of burdens is simultaneously an image of life’s most intense fulfillment.” Cos vital satisfaction is required.

Education Systems

M1-26, Musa Tosun

The Education System of South Korea

There are very successful students in South Korea. In addition, South Korea's education is very hard. Students study between twelve and sixteen hours a day. Students go to "Hagwon" after school and they study there too. Hagwon is a special course. They spend all their days to study. Lessons are based on theory and rote. Practice and application aren't important there. Preschool education isn't compulsory in South Korea, but %95 of the students get preschool education. Children three to five years old can go to preschool. Primary school is compulsory when six years old. Primary school education is free. In addition, it lasts for six years. Lessons such as Korean, life skills and maths are taught during the first two years. Students start secondary school at the age of twelve. Secondary school lasts for three years and it is compulsory. The amount of pressure on students increases in secondary school. Students start high school at the age of fifteen study for three years. It isn't compulsory. Also, high school education is paid. Students must take College Scholastic Ability Test (CSAT) exam. This exam is a very hard exam. University education is four years in South Korea and it is very hard too. There are a total of 412 universities in Korea. 175 of them are normal universities, 152 of them are colleges, and 85 of them are of other types.

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The Education System of Finland

Children go to nurseries or cheaper kindergartens until six years old. They start primary school when they seven years old. They have very little stress in their lives before starting school. There is solidarity and cooperation between teachers and students. There are very large gardens of schools, so students can do all kinds activities. In addition, there are clocks for students to keep track of time all over the gardens. There are a lot of play grounds for students. Also, most students come to school by bicycle. There isn't competition among schools and students. There is solidarity among them. Curriculums are very flexible in Finland. Primary schools are from 8.30 to 12.30. In addition, the entrance and exit to classes is free. Education is controlled by the ministry of education, the ministry of culture and municipalities. There isn't absolutely a distinction between boys and girls. It is not an education based on theoretical and rote learning, but an education based entirely on practice and thinking. The educational structure is 1 + 6 + 3 + 3. Kindergarten education is one year. Primary school education is six years. Secondary school education is three years. University education is on average three years. Children go to kindergartens until six years old. They start

primary school when they are seven years old. Compulsory education lasts for nine years. Besides, it is free. School is only four hours a day first six years. Students must enter university exam to get into university. This exam has four different tests. After the exam, they take a certificate and they enter a university or technical school according to their points. Students must also take the “Matriculation” exam to pass to get into university. Technical schools have application weighted education but universities have academic weighted education.

Willing to Go into Exile?

M1-26, Süleyman Çiçek

Brain drain, a situation in which large numbers of educated and skilled people leave their own country or area to live and work in another one where they can earn more money or conditions are better (Cambridge Dictionary). We all know what a brain drain is or we've read something about it. The following emails are taken from a series Cüneyt Özdemir called Göç Yolları streamed on his YouTube channel.

1. No name

I've finished two universities; I've done an MBA. I set up a company and I sold chicken, but political uncertainty in commerce stopped my business. I found customers from Tunisia. After I started trading in Russia, the economic crisis is out. I left all my money, my car, my possessions in Russia. I came back to Turkey in debt. My father committed suicide out of sorrow, I've lost everything. I live in a European country right now. Is it not the fault of politicians at all? I love Turkey.

2. Someone from Australia

I want to go back, but I'm afraid of uncertainty, despair, fear of not being at work, status pressure... Here there are heavy working conditions, but we're free...

3. Someone from Australia

I adore the people in Australia; its people, its police, its system... I had a car I wouldn't buy when I was in Turkey, and I made money. I have a peaceful life... When people know you're a stranger, discrimination begins. For example, the police stop my car wherever,

ask a lot of questions. I've never seen so much police pressure in my country...I came to Turkey to look for a job... I say to those who want to go abroad, please think twice!

4. Someone from Germany (a sociologist)

This is the group with the most people in it; most college graduates, they speak English and have a good degree, they have good income in Turkey. The most important feature of this group is that they are people who support the current government and adopt a secular lifestyle. The reasons for migration are law system, fear of losing their job, and lack of good living conditions in the future.

How Have We Dressed in the Last 10 Years?

M1-27, Eda Yener



Let's see what has changed from 2010 to 2020. In 2010, we wore feathers, threads and different beads on our hair. The fashion of hair ornaments still continues. Headbands and flower crowns should not be forgotten. Let's get to the deer patterned tights fashion of 2010. The tights with deer worn by everyone from 7 to 70 were quickly forgotten. In 2011, colorful make-up and mixed-colored hair became fashionable. Especially neon colors and the color red were really popular. 2011's alias was called the neon year. Sneakers with heels became a trend but this trend

was short lived because those shoes weren't comfortable at all. The torn trousers released in 2012 are still worn. The longest running fashion trend may be ripped pants. A trend that combined sportswear and stylish clothing emerged. The name of this trend became Normcore. American celebrities were the pioneers of this trend, but the most important pioneer was Steve Jobs. Mythological patterned t-shirts in 2013 were in the forefront. Fishnet T-shirts with unicorns were especially fashionable. Transparent boots in 2013 appeared but weren't in brisk demand because the feet looked bad. 2013's favorite color was mint green. In 2014, huge necklaces appeared. 2014 may be the most exaggerated year of high waist fashion. There were also changes in makeup. Enlightening and prominent contours have entered our lives. In 2015 and 2016, short tops and puffer jackets became fashionable. Fringed jackets, lace dresses and plaid dresses came into fashion. The legendary colors of these years are army green and camel color. It was fashionable at the same time being dressed like ballerinas. In 2017, there was an inscription on the back of every piece of clothing. Frilly dresses and platform heel shoes became fashionable. Origami dresses were the most interesting designs of 2017. The top selling product in 2018 was fabric covered buckles. Purple hair was another favorite of this year. A common bag for men and women appeared. Everyone started using the waist bag. The cowboy trend and padded coats became the stars of 2019. Fur became fashionable again. I hope fake furs were bought because animal furs would cause murder. Finally, let's have a look at this year. The favorite product of 2020 was a mask. The whole world started to wear masks due to the pandemic. Masks were produced in all colors and designs. Fashion continued even though we haven't been out of our homes much. Another bestseller of this year was pajamas. This year, handmade clothes attracted attention. This year's color is a pale denim color that is a mixture of blue and gray. Since most women cannot go to hairdressers, even haircuts at home have become fashionable. We hope that this pandemic period is over as soon as possible and we can go out with our trendy clothes.

Turkish Einstein: Oktay Sinanoğlu

M1-21, Umut İmer

Oktay Sinanoğlu, also known as Turkish Einstein, was a very famous Turkish scientist. He was a Turkish chemist, molecular biophysicist, biophysicist and biochemist.

He was born on 25th February, 1935 in Bari, Italy. His mother's name was Rûveyda Sinanoğlu. His sister was Esin Afşar Sinanoğlu, a very popular singer and actress. His father's name

was Nüzhet Haşim Sinanoğlu, the Turkish Consul General in Italy. His family returned to Turkey before the start of World War 2.



Oktay Sinanoğlu graduated from TED Ankara College in 1953 and in the same year went to the United States of America with a scholarship. In 1956, he successfully completed the Chemical Engineering program at the University of California, Berkeley in the USA. He completed his master's degree at MIT in 1957. He won the Sloan Prize in the same year. He completed his PhD degree in the theoretical chemistry at Berkeley in 1959 and became a lecturer at Yale University in 1960. He became a full professor at Yale University in 1963 at the age of 28 was the second youngest full professor in the last century.

Sinanoğlu had a very successful academic career. At the age of 20, he started to teach at Harvard and Yale universities. He founded the theoretical chemistry department at Yale University in 1964, did many experiments there and developed many theories. For example, he developed the theory of micro thermodynamics. He invented a method called Sinanoğlu Reduction in 1988. In his lifetime, he wrote many books and articles such as "Adam", "Göçmen Hamamı", "Bye Bye Türkçe", "Hedef Türkiye", "Dayatmalar Kabusu", "İlerisi İçin", "Ne Yapmalı", and "2050'ye 5 Kala".

He received many important awards and titles during his lifetime. He was given the title of consultant professor in 1962 and won the TÜBİTAK Science Award in 1966. He was sent to Japan as an envoy in 1973. He won the Alexander von Humboldt Research Award in 1973 and the International Outstanding Scientist Award of Japan in the same year. He gained the title of "Professor of the Turkish Republic" in 1975 and was nominated for the Nobel Prize. He worked at Yale University for 37 years until he retired from there in 1997. After that, he worked as a professor at Yıldız Technical University. He worked there until he retired from there in 2002.

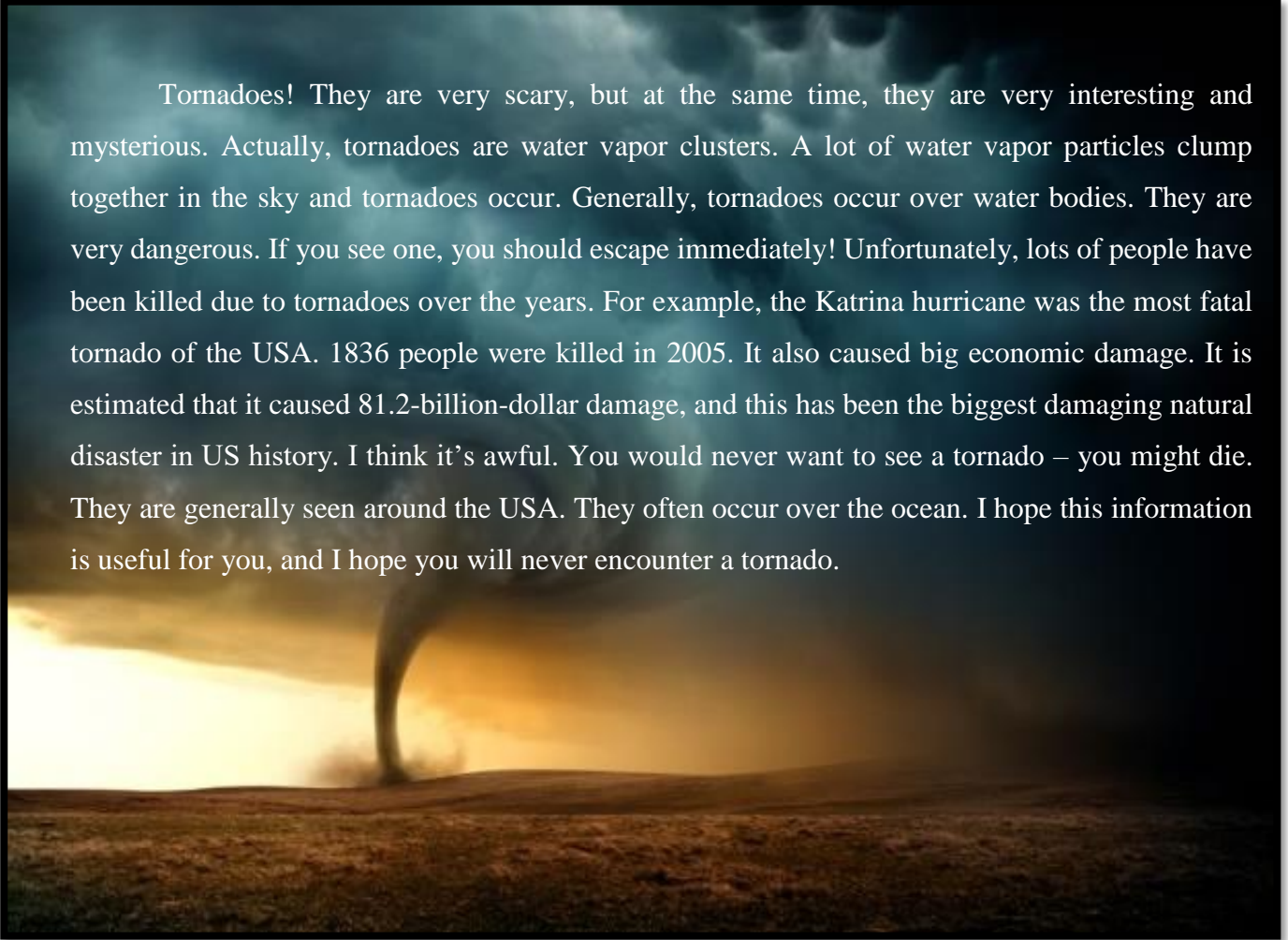
On 21st December, 1963, he married to Paula Armbruster. He met her at Yale University. He had his second marriage to Dilek Sinanoğlu. He had twins from this marriage. He lived in Turkey and in the USA until he died in Florida on April 19, 2015.

He devoted his life to science and made considerable efforts both to develop theoretical chemistry in Turkey and to raise awareness in preserving Turkish language and culture.

Tornadoes

M1-8, Hasan Kolbaşı

Tornadoes! They are very scary, but at the same time, they are very interesting and mysterious. Actually, tornadoes are water vapor clusters. A lot of water vapor particles clump together in the sky and tornadoes occur. Generally, tornadoes occur over water bodies. They are very dangerous. If you see one, you should escape immediately! Unfortunately, lots of people have been killed due to tornadoes over the years. For example, the Katrina hurricane was the most fatal tornado of the USA. 1836 people were killed in 2005. It also caused big economic damage. It is estimated that it caused 81.2-billion-dollar damage, and this has been the biggest damaging natural disaster in US history. I think it's awful. You would never want to see a tornado – you might die. They are generally seen around the USA. They often occur over the ocean. I hope this information is useful for you, and I hope you will never encounter a tornado.



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The Ottoman Empire

M1-29, Gülüzar Bulut

The Ottoman Empire was one of the mightiest and longest-lasting dynasties in world history. This Islamic-run superpower ruled large areas of the Middle East, Eastern Europe and North Africa for more than 600 years. Osman I, the leader of the Turkish tribes in Anatolia, founded the Ottoman Empire in 1299. The first capital of the Ottoman Empire was Söğüt. Osman I was the first ruler who

collected taxes from his subjects. He expanded his kingdom, gathering many of the independent states of Anatolia under a single roof. Osman I established a formal government.

In 1453, Constantinople, the capital of the Roman Empire, was captured by Mehmet II, the Conqueror. For the next 100 years, the Ottoman Empire would be one of the most powerful and the largest empires in the world. When the Ottoman Empire captured Constantinople, many of the scholars and artists went to Italy. This helped to initiate the European Renaissance.

The Ottoman Empire reached its peak between 1520 and 1556, during the reign of Süleiman the Magnificent. Throughout Sultan Süleiman's rule, the empire expanded and included areas of Eastern Europe. At its height, the Ottoman Empire included the following regions: Turkey, Greece, Bulgaria, Egypt, Hungary, Macedonia, Romania etc.

The Ottomans were known for their achievements in art, science and medicine. Some of the most popular forms of art included calligraphy, painting, poetry, textiles, and carpet weaving as well as ceramics and music. Ottoman architecture also helped define the culture of the time. Science was regarded as an important field of study. Additionally, some of the greatest advances in medicine were made by the Ottomans.

After Süleiman died in 1566, the Ottoman Empire began to collapse in a way. The Ottomans were defeated at the Battle of Vienna. It was the beginning of the decline of the empire in 1683. After the fall of the Ottoman Empire, Mustafa Kemal Atatürk established the Republic of Turkey in 1923. The establishment of the Republic was a major turning point for the Turks.

A Book Review: Animal Farm

M1-13, Elif Akça

One night, old Major (the old pig leader) makes his speech of revolution against men. The farm was run by men for a very long time and they treated the animals very badly, so it was the time to rebel as they couldn't stand the torture and cruelty by men any more. Old Major tells the animals about his dream of a world where animals live in freedom. Shortly after the meeting, he dies. However, the two young pigs, Snowball and Napoleon, revolt with all the other animals against men, throw men out of the farm and take over the farm. The name of the farm is also changed to Animal Farm.



Being one of the most famous novels in the world, *Animal Farm*, which was first published in England in 1945, today still attracts readers and remains popular. What makes the novel a captivating story is perhaps the ‘power abuse’ throughout the events. After the pigs take control of the farm to provide good life conditions for all the animals, they abuse authority for their own benefit. This was the repetition of the arrogance of the power; just like how men had ruled before. The pigs broke their own rules one by one because power corrupted

their minds. They did the same wrong things that men did and that they had objected to. Finally, they were even in men’s clothes.

George Orwell provided us with some symbols of animals and a farm in the novel; however, that just represented what we all encounter in our real lives and in society: the above mentioned power abuse for the benefit. This explains why *Animal Farm* is still important and relevant for the new generations. I, just like many readers, can question so-called good intentions after reading the novel. Did men and the pigs want freedom and equality only for themselves at the beginning? This results in asking many more questions as well.

Orwell succeeds in making us think deeply just like his other gripping, worldwide famous novel *1984* (published in 1949). In *Animal Farm*, he satirizes Stalinist Russia. In the novel, which is in the form of a fable, he refers to 1917 Soviet Revolution and the political power afterwards. In his novel, he conveys the message that freedom, equality and the rights to live in good conditions are attacked.

I highly recommend *Animal Farm* to every book lover. I found Orwell’s language style clear and fluent. You will gain new and varied viewpoints about the human and the society throughout the pages.

Traditional Turkish Art

M1-23, Fatma Vildan Usta

"Everyone is an artist as a child, the challenge is to remain an artist as an adult."

First, dealing with art broadens one's horizons and refreshes the soul. Calligraphy also allows us to look at the environment in different ways and expand our imagination. Workmanship is very important in calligraphy, in all types of art. Calligraphy is the art of writing suitably for visual taste. It has managed to survive from the Ottoman Empire to the present. The art of calligraphy is related to the imagination of the person who makes it. Sometimes it can be a flower or a tree. The important thing is to determine what to write, then the calligrapher shapes and decorates the writing according to her mood. It is really amazing and beautiful. It takes time to do. It also hides the past inside it. Professional materials (pen, special paper, etc.) are needed to make it. Calligraphy can be seen in almost all kinds of Ottoman pieces that have existed until today, especially in mosques, caravansaries, baths and minarets.

Distinct from calligraphy, Marbling Art was very famous in the Ottoman Empire. It is also a great art to make. Marbling art is an art that requires skill. Its preparation is very interesting but beautiful. Marbling Art is making patterns with paints on water and transferring these patterns on paper. It is an art of decoration appeared in the 16th century. Its materials are also professional materials. Marbling Art is exhibited in book bindings, cover decorations and today with photographs.

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What is Artificial Intelligence?

M1-37, Emre Özcan

In the simplest terms, artificial intelligence (AI) is the name given to systems or machines that mimic human intelligence to perform tasks and slowly develop themselves based on the information they gather. Artificial Intelligence is the process of thinking and analysing super-powered as well as any particular system or function. Although artificial intelligence has robots that

take over and destroy the world in human thought, it was not originally designed to replace humans. It was created to further enhance human abilities and research. Therefore, it is a very valuable business asset.

How Did Artificial Intelligence Emerge?

The term artificial intelligence first appeared in 1956. It has become more popular today, thanks to improved algorithms. AI research in the 1950s focused on topics such as problem solving and symbolic methods.

Artificial Intelligence Innovations

Artificial Intelligence can search the internet and schedule events and alarms. Artificial intelligence can mimic the human voice and chat with you as if it were natural. They can use and park your artificial intelligence vehicle for you. They can make an appointment for you. It can identify or verify people from digital image or video frames. They are used as face recognition and detection systems. Thus, the time to find criminals is reduced. Main areas where artificial intelligence is used are entertainment, medicine, cyber security and transportation.

An Unforgettable Writer

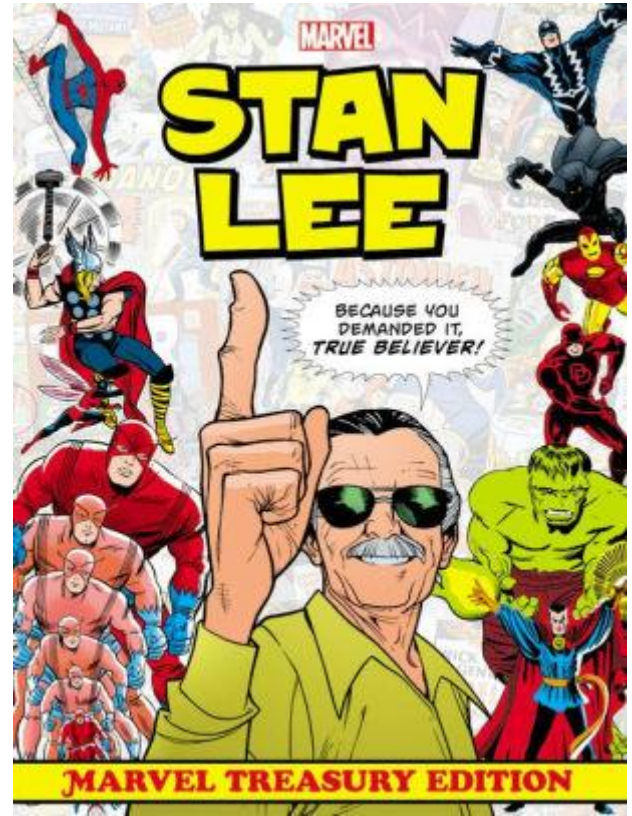
MI-9, Ramazan Karaca

There are some writers who impress people all around the world. They leave invaluable works behind. I think one of the best of those writers is Stan Lee. He is admired not only because of his works, but also for creating superheroes like Fantastic Four, Spider-Man, Doctor Strange and the X-Men. He was a comic book writer, editor, publisher, and producer.

Stan Lee was born on December 28, 1922, in New York, USA. He was the son of Jack Lieber. He studied at DeWitt Clinton High School. During his school life, he also worked at a carrier and a local shop. After he graduated from the high school in 1939, he started his own business with the help of his uncle. In 1941, he had the opportunity to appear in front of the readers with a comic book for the first time called "Captain America". Then Lee joined the American army in 1942. After he finished his service in the army in 1945, he prepared educational films and army training booklets that led millions of future soldiers. He wrote comics, science fiction, and horror books in the early

1950s. He created many famous comic book characters like Hulk. In the 1980s, Lee became one of the heroes in popular culture. He moved to California and worked for Marvel's TV Shows and cinema adaptations. Meanwhile, he continued his work as a scriptwriter and an editor. In honor of Lee's 65th year with the firm, Marvel released a series of new comics in 2006 like Spider-Man, Silver Surfer, and D.R. combining classic characters such as Doom with the cartoon-character. The series attracted great attention.

Stan had the power to inspire, to entertain, and to connect people with one another. He was full of surprises as he attracted his audiences by playing himself into the story in many of the comics he wrote. Stan Lee died on November 12, 2018 at the age of 96, but I will remember him throughout my life.



Worldwide Viruses with a Big Impact

MI-33, Gülse Sevgi Yağcı

Coronavirus, which emerged in Wuhan, China in late 2019, has spread in our country as well. Although our country is greatly affected by this situation, it is trying to keep the virus under control. Coronavirus, one of the biggest virus outbreaks in human history, caused us to review and understand similar epidemics that occurred in the past. It has been a matter of curiosity what countries experienced in terms of social, political, and economic issues. So, what were those viruses and their effects in the world?

Antonius Plague

The epidemic, also known as Galen's plague, emerged in the Roman Empire between 165 and 180 AD. Galena plague, which caused approximately 2000 deaths a day, was one of the world's

first major epidemics. That epidemic was also the reason for the Roman Emperor Lucius Verus Flour's death during his period. It caused the death of 30% of the total population of the Roman emperor.

Justinianus Plague

Another terrible epidemic, the Justinianus Plague, which emerged in 541 AD, caused the death of approximately 25 million people. While scientists consider the cause of the epidemic to be of Asian origin, historians think it came from Egypt. The research is based on DNA analyzes from 137 human skeletons discovered in the Eurasian steppes. Losing workforce and soldiers due to the epidemic weakened Byzantium and made it vulnerable to attacks. That caused European history to change radically over time.

Black Plague

Between the years 1346-1353, 75-200 million people lost their lives of the Black Plague. Although the exact number is unknown, it is estimated that the European population decreased by %30 to %60 during the years of the epidemic. Because of the epidemic, God and church began to be questioned. This led to the religious reforms and the renaissance in Europe.

America meets the Chickenpox (Smallpox)

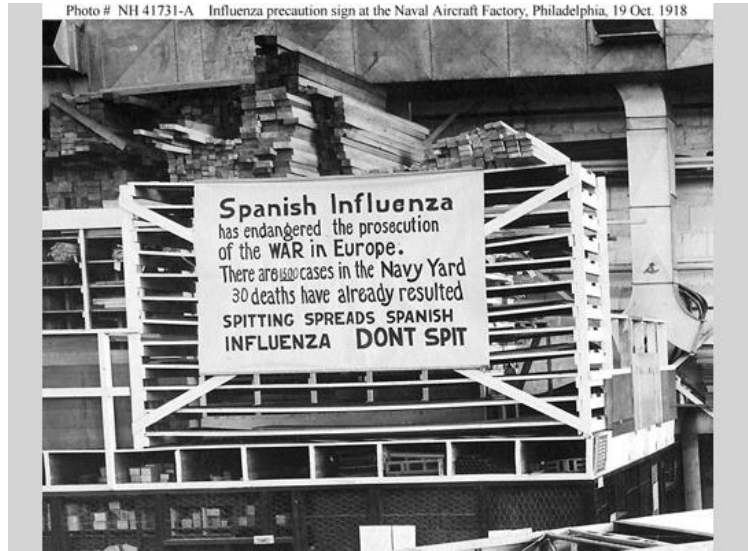
In the 15th century, Europeans discovered the new world, namely America. Unfortunately, it wasn't their culture that came along with them, they also brought the bacteria and microbes with them. As a result, they infected the natives of the Americas with chickenpox, which killed a third of Europe. %90 of the indigenous population in the American continent lost their lives because of it. Moreover, it wasn't the only case back then. Until the beginning of the 19th century, one in two Native Americans died of diseases from Europe.

Cocoliztli Outbreaks

In the 16th century, in the place known as New Spain and New Mexico, the epidemic disaster that occurred with the emergence of several different diseases at the same time was called Cocolitz Sangs. Epidemics thought to be caused by Salmonella bacteria, according to today's studies, killed nearly 15 million people between 1520 and 1576.

Seven Different Cholera Outbreaks

Although there have been seven different cholera outbreaks to date, it was the third epidemic which was the deadliest one. It occurred between 1852 and 1860 caused by water pollution. People pouring their faeces and waste into drinking water sources caused water pollution and later caused illness. The Ganges River, one of the most polluted rivers in the world, contains 1.1 billion fecal bacteria per



100 milliliters, according to a 2011 study. This ratio is 500 thousand times more than the water we can use. Since the Hindus consider this river sacred, they frequently bathe here and constantly have cholera. In the great epidemic of the 19th century, cholera spread from India to Afghanistan and then to Russia, Europe, Africa, and America. According to the records, it caused the death of one million people just in Russia. One in five people infected with cholera has severe diarrhea. If left untreated, half of these people die. With the third epidemic, doctors found the cause of cholera and raised people's awareness.

Third Plague epidemic

The epidemic that started in China between 1855 and 1859 and then spread worldwide caused the death of 12 million people in China and India alone. It was called the Third Plague because it was the third plague after Justinian and the Black Plague.

Typhus Outbreak

The Typhus epidemic that took place during the First World War between 1914 and 1918 infected a total of 25 million people in Europe and Asia due to lice carrying Typhus bacteria. Nearly 3 million people died in the countries of the Soviet Union due to the epidemic.

The Spanish Flu

The Spanish Flu, which infected 500 million people in the years after the First World War, killed 50 to 100 million people worldwide with high fever due to the H1N1 influenza virus. This figure is often more than the number of people who died in the first and second world wars. The

worst part of the virus was that the stronger the infected person's immune system, the higher the fever. It was recorded as one of the biggest epidemics in history.

The Asian Flu

It emerged as a result of the Influenza-4 virus, which started in China in 1957, mutated in ducks, and transmitted to humans. The virus, which killed nearly 4 million people, stopped thanks to a vaccine. Within a year, 40 million people got this vaccine.

HIV (AIDS)

The first instance of HIV, which was understood to be transmitted from monkeys to humans in the mid-20th century, appeared in Congo in 1959. It was diagnosed and named in the 1980s. No cure has yet been found for HIV, which has killed 36 million people in the last 30 years. Take your precautions! After you get the disease, you need to use medicine for life.

Coronavirus

The virus, which appeared in the last months of 2019, was first seen in Wuhan, China. The number of people infected with the virus in our country, which spread all over the world in about four months, is now more than 116 thousand, and the number of deaths has exceeded four thousand. At the same time, while more than 64 thousand people have regained their health, exactly where it spread, and its treatment has not yet been found.

True Friendship

M1-10, Feyza Durmaz

Each person's character, way of thinking and habits are different. The sadness, fear or anxiety you have when you face problems are just as different. However, there is a need for a person who can always be there for you to deal with all these problems throughout life. That person is a true and sincere friend!

Friendship is a match of tastes and thoughts. It is not a relationship based on personal interests but based on shared feelings. For example, sometimes you may have difficulty solving your problems, and you may fall from the highest to the lowest. The person who supports you at

that moment, does not leave you alone, and makes you stand up again is a true friend. As the famous poet Euripides put it, “There are many good day friends, true friends are evident on dark days.” Therefore, it is your true friend who is with you on good and bad days because friendship is like bread and water. You always need it. It is what you cannot do without in life.

The value of the concept of friendship is decreasing in today’s world. The number of people who do not have time to make friends as they care more about their own interests is increasing, so it is becoming more and more difficult to find true friendship. For this reason, you should appreciate your true friends and always support them. Then the world will become even more beautiful.



Pets

M1-2, Derya Çelik

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When we say pets, we always think of cats and dogs, or sometimes hamsters. Is it just them? Well, can’t we feed another animal? Of course, we can. Well, if you ask what other animals we can have as a pet, you are at the right place. Let's see which animals we can keep at home.

Chinchilla

Chinchilla is a genius of rodents in the chinchilla family. Originally from South America, it was previously hunted for its bluish grizzly hide and is almost reached extinction. Today, some of them are domestic animals although many are still hunted for their furs. These small and furry pets are great companions for both children and adults. Chinchilla Laniger is an inquisitive, gentle, and energetic animal. If well looked after, they live for about ten



years. But before you decide to adopt a chinchilla as your pet, make sure it is the best choice for you and your family. Below are the things to watch out for when feeding it:

- Fresh food (pellets and straw) and water should always be available.

- Its hair can be combed with a soft brush. Avoid getting the chinchilla wet.
- Quality chinchilla pellets and limited quantities of vegetables and fruits are necessary to provide them with a healthy diet.
- You should give clean, fresh, filtered, chlorine-free water and change it every day.
- Spacious multi-storey living space is recommended as chinchillas bounce around a lot and love games.
- Small animals of different species should not live in the same nest as your chinchilla.

Desert Fox



The desert fox (*Vulpes zerda*) is known for its large ears and relatively small body. It is the smallest member of the Canid (dog) family as well as of all foxes. They communicate using a wide variety of sounds, including a cat-like growling sound. The desert fox is Algeria's national animal. For this reason, it is legal to have it as a pet in some places. They can adapt to domestic life although they are not fully tamed. Most of

dog vaccinations are suitable for them. Despite being nocturnal by nature, they can adapt to human life (like cats).

Sugar Glider

In fact, most people choose to have a sugar glider as a pet, so they can train them to do amazing tricks. Watching this animal doing the tricks you teach can definitely give you a great sense of satisfaction. These little creatures can definitely make you smile every day. How easily they can move, jump and climb might already surprise you. They can take your worries in life away at least for a moment. Others even consider them lucky charms that attract good vibes into their home. It is generally safe for your family members. The best part is that they are very easy to feed and maintain as they have the ability to bond with their owners. Sugar gliders are social and fun by nature. All they do is to climb, run, jump, slide and get the attention of their owners and other animals around. Their basic needs are not expensive at all, but it is ideal for a true pet



lover to provide the little one with some products and accessories that mimic the natural habitat and diet of these animals. In that way, you can make them feel at home While they are held in captivity, the key to successful glider ownership is high awareness and genuine concern for these cute animals. Make sure you know all about sugar gliders as a pet before you adopt one of them.

Last but not the least, know where to find reliable breeders who offer reliable information about how to care for your pets, not just quality animals.

Why Do We Tend to Eat More When We Are Stressed, Anxious and Busy?

M1-27, Mevlüde Nur Temur

World Health Organization defines health as a complete physical, mental, and social well-being, not being sick or disabled. One of the prerequisites for being healthy is to eat enough and eat healthy food. In other words, nutrition should be done in a controlled manner in order to maintain health. We start having some various nutritional problems when we lose this control due to metabolic, psychological, or social factors.

The most common of these factors is emotional eating. *Emotional eating* is a behavioral disease that occurs because of negative feelings. In this eating behavior, which is caused by the urge to control the negative experiences in life, the most common habit is to eat to feel better, and to satisfy emotional needs. As we know, people want to order a good meal or dessert when they are bored, lonely, or unsuccessful. The negative experiences, which people go through in their lives, significantly affect their eating habits. Events such as deception, separation, losses, and unemployment create an empty place in people. People lose their sense of belonging and become unable to cope with loneliness. Then they try to fill this gap by eating more and more.

However, when they are sad, angry, lonely, and exhausted, the address to solve the problem is not their kitchen. The most important fact they need to know is that emotional hunger is not something that they can fill with eating. People may feel good when they are eating, but even if their meal is finished, their feelings stay with them. Moreover, they get extra calories. But no need to worry! The best thing you can do to deal with your eating disorder is to seek professional help. Discussing disease and seeking advice from a professional can solve the problem.

Why Do People Play Games?

MI-5, Ümit Vatansever

Why do people play games? Have you ever thought about it? There may be many answers to this such as having fun, spending time, running away from reality. Everybody always wants to have fun because life is too short to feel sad. Playing games can be good for us when we're sad. Nowadays, when society develops day by day, people play games to escape from reality. The facts are painful but imaginary worlds are untouchable.

In a study conducted in the UK, there is a burnt patient in the hospital. This patient's bandage should be changed and his wound should be cleaned daily. Pain killers cannot be given to this patient because it delays the healing of wounds. This situation is very painful to him. There are three friends who want to help this patient. They put 3D glasses on this patient and they open a game. While the patient is playing, the nurse changes the bandage and cleans the wounds. The patient stated that he actually felt less pain. As it can be understood from this experiment, the game can make us forget the facts.



The games we play are for an escape from the real world, but can't we use it to understand the real world? Yes, we can but why should we use games? Because it is related to the learning process beyond listening and reading. Games aim to help you learn visually and practically and most importantly to learn by having fun. Some steps have been taken today for the educational use of games such as *Assassin's Creed Origins*. *Assassin's Creed Origins* is an open world RPG game about Egypt's mythology. Ubisoft, the producer of the game, added a training mode to

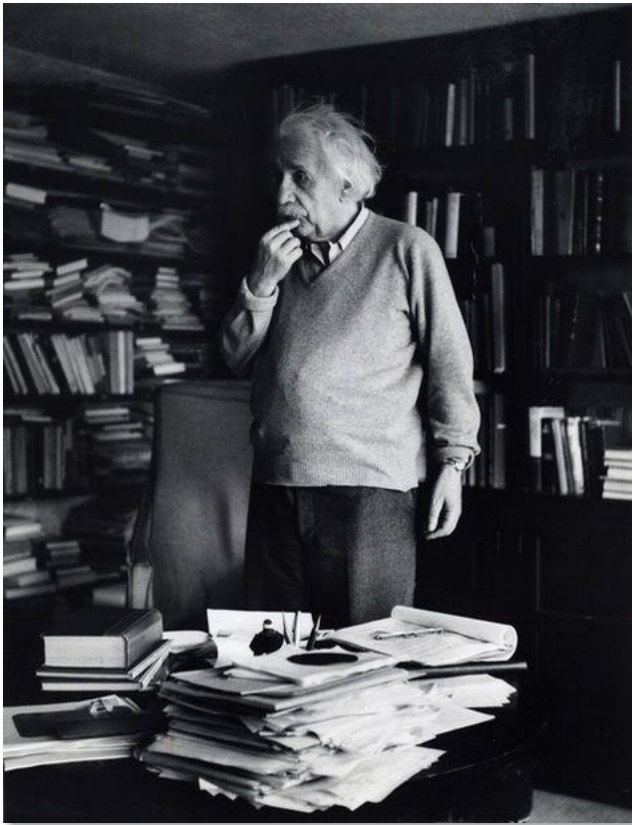
the game for students to learn Egyptian culture. In this mode, students learn about ancient Egypt's beliefs, wars, buildings and can learn management styles. The creative director of the game, Jean Guesdon, said, "With this mode, we give everyone interested in Ancient Egypt the chance to discover its beauty. Video games can also be sources of inspirational information."

So can games also improve our reflexes? Yes, of course. A vivid example of this is Cem Bölükbaşı. He was born in 1998. His father took him to the motocross race at the age of 5. He

became the champion as a six-year-old boy in Turkey, but he actually wanted to be a F1 driver. He played the racing game until he was 21. He has no real F1 racing experience. He competed in Borusan Automotive Motorsport in the GT4 European Championship. He managed to be 2nd in her second race in the championship. Games helped him achieve his goal. So games can prepare us for real life. We cannot describe the reason we play the games as just having a good time. The reason we play games may be to relax physically and mentally, and to have experiences we wouldn't have in real life. There may be a desire to learn new things. The simplest one might be discovering a new world.

The Greatest Man in the Science World: Albert Einstein

MI-18, Alp Eren Yaman



One of the most important men of science in the world is Albert Einstein. He changed the science world with what he did. Let's have a look at his life story.

He was a Jew born in Germany. He got married to his cousin, and he also had three children from his ex-wife. He was educated in Switzerland. Due to difficulties finding a job at a university, he started working as an inspector at a patent office. It was a big miracle in 1905. He published four groundbreaking articles in those years. He received the Nobel Prize in Physics in 1921 for his work on the photoelectric effect. He left Germany with Nazi party's coming to power and settled in the USA. Albert Einstein,

with his special relativity and general relativity theories, revolutionized the understanding of space dominated by Newtonian mechanics for two centuries. He had only included mathematical calculations and equations. After many years this theorem was proved to be true by experimental things many times.

' $E = MC^2$ ' means the energy equals to mass with the square of the speed of light. This work gave us an idea of how stars generate energy. It has also paved the way for nuclear technology. Plus, it contributed to modern physics. He spent most of his life trying to create a unified theory that unified all the theories, but these efforts were fruitless. Einstein was skeptical of the uncertainty principle of quantum mechanics, but these approaches were later accepted by the science world.

Later, Einstein got worried about the Nazis because he thought that the Nazis developed a nuclear bomb. Therefore, he wrote to the president of the United States of America, Franklin D. Roosevelt about the issue. He advised that the USA should start for nuclear works. After that, he supported the establishment of Israel. On the other hand, he said in an interview that he does not believe in the doctrine of Judaism.

Finally, Einstein published more than 300 scientific articles during his lifetime, and he also had more than 150 unscientific works. Because of his achievements and works, the word Einstein began to be used as a synonym for 'genius'. In the millennium voting with 100 prominent physicists in late 1999, Einstein was placed the first among the greatest physicists of all time. For me, he is the best scientist of all time.

New York City

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M1-26, Özlem Güzel

New York is a state in the northeast of the USA. It has got a population of nearly 20 million and it is the fourth most crowded state and is home to many different ethnic cultures.

New York City is part of New York state. That's why people are usually confused about the name, New York City or The City Of New York. They both mean the same thing. NYC is the most powerful city in the world. It is home to the United Nation Headquarters and the cultural capital of the world. NYC is an immigrant city where nearly 170 languages spoken. The people usually speak English, but they speak it with various accents. Also, many New Yorkers speak Spanish. There is Little Italy and Chinatown in NYC and some people speak Italian in Little Italy, and some people speak Chinese in Chinatown.

The winter is snowy and very cold, and the summer is very hot in NYC. That's why visiting New York City can be very hard. The underground is open 24 hours a day and there are many traffic jams in the city of New York, so it is called "The City That Never Sleeps". Many American cultural movements were born in this city, such as literature, visual arts and music.

“Wall Street” and “Broadway” are the most important neighborhoods in the city of New York. “Wall Street” is where the financial world beats. The Statue of Liberty is on an island in the Hudson River. There are many passengers in John F. Kennedy International airport, and it gets very crowded. There are many museums with precious art collections, such as the Museum of Modern Art, the Guggenheim Museum and the Metropolitan Museum of Art. The New York Times is the most reputable newspaper in the world, and it is in New York City. There are three big TV networks in NYC. These are ABC, CBS and NBC.

Nearly 40 million tourists come to the city of New York. The tourists usually visit the Empire State Building, Times Square, the Brooklyn Bridge, Broadway, the Metropolitan Museum Art, the Museum of Modern Art, and the Bronx Zoo. The Halloween Parade and the Tribeca Film Festival are intriguing cultural events for the tourists and locals. Central Park is the most visited park in the USA. New York City’s food culture is very varied. Bagels and New York style pizzas are very famous in NYC. Also, Middle Eastern food is very easy to find.

In my opinion, New York City is amazing. I really love New York City and I would like to go to there. I believe I will go to NYC one day.



The Way Languages Shape Our Mind

M1-25, Esmâ Gökçen Sarılı



Humans have always asked questions. The existence of questioning things has walked hand in hand hundreds of years with humanity. We asked again and again until we thought we got the right answer. Today, I'm not going to do anything different than those who existed long before me. I'm going to ask this simple yet complicated question just like our ancestors did before us. "How do languages affect the way we think?" This question sounds so easy to answer yet we haven't found a right answer for this question to drop it. Before answering this question, we have to ask ourselves this first: "What is a language?"

When I speak, I make sounds- which creates vibrations in the air. Those vibrations, aka the sounds I made, goes through your ears and then your brain. Your brain takes these sounds and makes them what we call "thoughts". That's the simplest way of explaining what a language is. It looks nothing new, right? We do this all the time that we kind of forget how this process works. While the process seems easy, there is a thing easier than this: being able to put a new idea on your brain with these sounds I make. Now, I want you to think about two elephants dancing in the library while thinking about quantum physics. If you lived a pretty normal life before you saw this article, you haven't had that thought before. I hope you didn't. This is not the most dangerous thought I have but I still put a new thought in your mind that you never had before and I did this with a language, more specifically with English. Obviously English is not the only language that exists- there are hundreds of languages spoken in the world. So, how do they affect the way we think? Does knowing a different language change our ideas?

Throughout history, people had different answers to this question. Ludwig Wittgenstein said, "The limit of my language is the limit of my world," while Shakespeare made his Juliet say "What's in a name? That which we call a rose by any other name would smell as sweet." Maybe Juliet was right, a rose is still a rose after all but the real question is would the rose have the same value in the eyes of people whose mother tongue is different from each other?

Scientific studies show us the brains of people who are native in different languages have different reactions when it comes to some topics such as directions, colors, families, punishment etc. For example, the way the Russian's brain reacts when we show them a color palette is different

from the English's brain. While Russian has different words for the tones of blue, English doesn't have the same vocabulary. You can use blue as an umbrella term so this leads us to the fact that the Russian are able to categorize colors better than the English or people whose mother tongue is English. It's a widely known fact that Asians value their families more than Americans. Have you ever thought about its effect on the languages? When I speak Turkish or Chinese and if I'm talking about my family, I have to clarify everyone's role. How? You may ask, please let me explain. If I said "uncle" or "aunt", you wouldn't question whether they are my mother's siblings or my father's but if I want to say the same thing in Turkish or Chinese, I have to talk about them more, saying which side do they belong to in our family. Let's say someone broke a window. If you want to say the window is broken, you have to tell who broke the window in English but if you are speaking Japanese, you don't have to say who did it. Do you know what that means? It means that the English can put a finger on who is a criminal better than the Japanese. The Japanese will remember the fact that the window is no longer unbroken while the English will remember the person who did it more than the window itself.

These examples will go on like this forever but the lesson we have learned from this will remain the same: the world itself is our home and the languages are the windows that help us to see what's going on outside. To widen your horizon, you have to open another window which leads us to learn another language. By learning a new language, you will open a window that carries you to another world you have never seen before.

The Story of Gastric-Brooding Frog

Hi everyone. I am Reyhan. Recently, there is a topic that caught my attention and I want to share it with you. As you know, there are many extinct animals in the world in recent years such as woolly mammoth, megalodon, Javan tiger, Caribbean monk seal etc. The extinct animal I will tell you about today is gastric-brooding frog. I was so surprised to hear about this animal because this frog uses its stomach as a uterus. I hope you enjoy reading as much as I do. Let's begin.

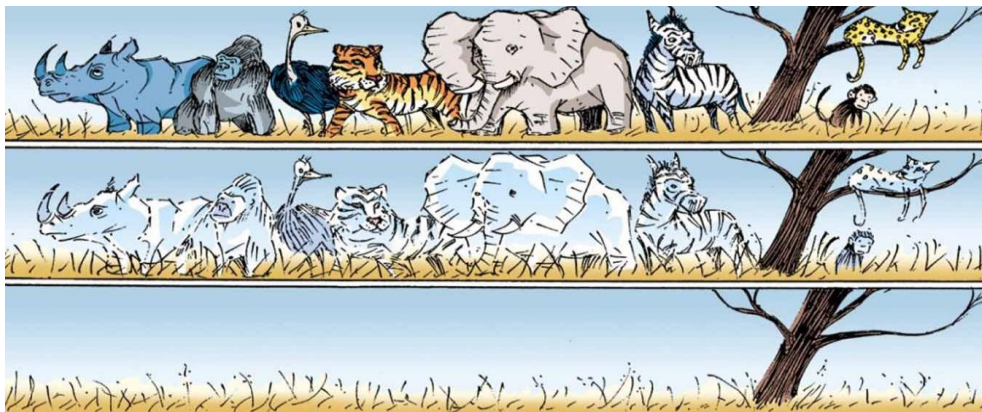
M1-25, Reyhan Nazlı Yıldırım



First of all, I must say that according to the sources, it had become extinct by 1983 and was last seen once in Australia then. So this frog is a very unusual species. The causes of the gastric-brooding frog's extinction are not clearly understood, but habitat loss and degradation, pollution, and some diseases may have contributed to it. The most important feature of these frogs is that they keep their eggs in their stomach. These eggs grow in the stomach and come out of the mouth. The female frog leaves the eggs out and the male frog fertilizes the eggs. Unfortunately, it is not known if the female frog leaves the eggs in the water or on land. Well, to explain this quite interesting situation simply, the mother frog turns its stomach into a uterus. The female frog does not eat during this process. The baby frog grows over the next six weeks. Her stomach swells so much that her lungs fall down, forcing her to breathe through her skin. Eventually, it gives birth to the baby through "repulsive vomiting".

Now let's talk about research and experiments on this interesting species. Because it has not been recorded in the wild since 1983, and extensive searches over the last 35 years have not been able to locate this species. The scientists at the University of Newcastle and the University of New South Wales announced in March 2013 that the frog would be the subject of a cloning attempt called the "Lazarus Project" and would bring the species to life. Embryos have been successfully cloned, and the project hopes to eventually produce a living frog. So what are the ecological habitats of these frogs? These frogs live in rainforests and open riverside areas. They are known to live on grassy floors and scientists think that these animals hibernate.

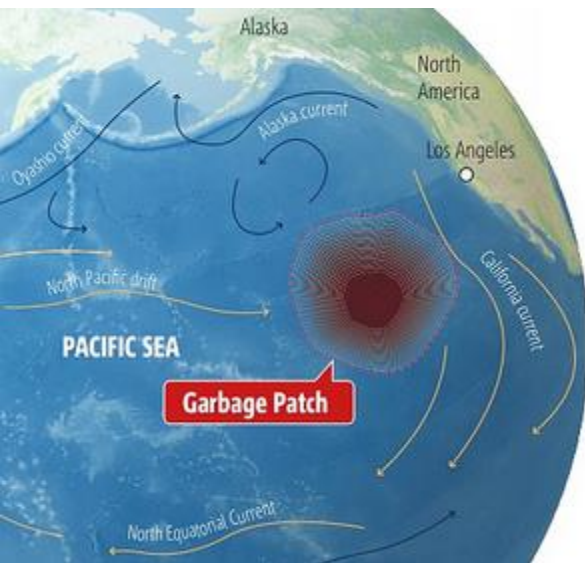
The gastric brooding frog was a medium-sized dull coloration with large protruding eyes located closely together and a short, blunt nose. His skin was moist and covered with mucus. The fingers were long, thin, pointed; the mouth was open, and the fingers were completely webbed. Arms and legs were larger than the body. Females are larger than males. I hope we don't let another animal go extinct. Although they look like animals from the back, they can be a source of inspiration in many areas. For example, this frog species could be useful in medicine if it still existed. How? These frogs, as I just mentioned, can control their hydrochloric acid release. This could enable a cure for reflux patients. For these and many other reasons, we have to protect nature.



The Great Pacific Garbage Patch: The 7th Continent

MI-7, Ash Miray Yalıt

Where is it situated? It is situated in the Pacific Ocean between Hawaii and California. What is the 7th continent? Our world has entered a new area called 'Anthropocene' caused by human activities. Anthropocene is the name given to the period when human beings' influence on the world reached its highest levels. The most distinctive feature of this new age, called the Anthropocene, is that we have significantly altered the Earth through human activity. These changes include global warming, habitat loss, changes in the chemical composition of the atmosphere, oceans and soil, and animal extinctions.



The Earth is moving towards becoming a plastic world. The "Seventh Continent" consists of a plastic pile which is 3.4 million square kilometres wide and weighing 7 million tons. How did it come about? Every year, we throw away more than 15 billion plastic waste. Then this plastic waste mixes with water. First, it reaches the rivers, seas and finally the oceans. This is what every single person in the world produces waste combined with ocean currents and 1.8 trillion turned into a continent of plastic. 8 million tons of plastic pollute the oceans every year. 500 billion plastic bags are used annually. 1 million plastic bottles are purchased per minute. The oceans are polluted by 8 million tons of plastic every

year. Every minute, plastic meets the oceans as much as a garbage truck. More plastic has been produced in the last decade than the last hundred years combined.

Waste plastics account for ten percent of all waste.

What are the effects? This is a threat for more than 700 living species from the ones as small as plankton to those as big as whales ... Researchers have found pieces of plastic in the stomach of 44% of turtles. So are we too late for taking actions? What should be done to minimize the amount of garbage in the area? We have to pay attention to the amount of garbage we produce individually. We can reduce the use of plastic bags. We can choose recyclable materials. We can raise awareness of the people around us on this issue so that waste plastics don't go to our seas. Let's...

- use stainless steel spoon-fork-knife-straw.
- use mesh and cotton shopping bags.

- drink our coffee and tea in our own cup.
- have our water bowl and canister.
- buy a biodegradable toothbrush.

Boyan Slat created an organisation called “Ocean Cleanup” to clean the garbage area. The organisation wants to develop a technological machine to collect all the garbage from the bottom and the surface of the ocean.

Earthquakes

M1-27, Bilgenur Aka

Earthquakes are the most common natural disasters all around the world. There are many buildings and people affected by the earthquake in recent years. This very dangerous natural disaster is usually caused when rock underground suddenly breaks along a fault. This sudden release of energy causes the seismic waves that make the ground shake.

The Richter scale measures the magnitude of an earthquake (how powerful it is). It is measured using a machine called a seismometer which produces a seismograph. The Richter scale is not very accurate in measuring larger earthquakes and today scientists use the Moment Magnitude Scale which uses the same logarithmic scale but which more accurately measures the strength of larger earthquakes. Earthquakes of 3 or less on this scale are not felt but earthquakes of 7 and above can be devastating.

Earthquakes occurring close to the earth cause more damage. Large earthquakes sometimes cause tsunamis. It also triggers landslides and volcanic activity. 500.000 earthquakes occur in the world every year, of which only 100.000 can be felt. The biggest earthquake in the world happened in Chile on May 22, 1960. This earthquake and the subsequent tsunami caused serious loss of life and property. This earthquake was 9.5 magnitude and it caused tsunami in Pacific Ocean. As a result of these strong waves, 61 people in Hawaii, 138 people in Japan and 32 people died in the Philippines. The second largest earthquake in the world occurred in Alaska on March 28, 1964. This earthquake was 9.2 magnitude and lasted 3 minutes. In addition, this earthquake triggered a tsunami and killed 128 people, and caused 310 million dollars in damage. The world’s third largest earthquake occurred in the Indian Ocean on December 26, 2004. This 9.1 magnitude earthquake

killed approximately 230.000 people in 40 countries. This earthquake lasted about 10 minutes and affected 14 countries. 1.700.000 people were left homeless due to this earthquake and tsunami.

What should we do to avoid these terrible natural disasters? The precautions to be taken before the earthquake are:

- Buildings should be made earthquake resistant.
- Items placed on cabinets must be fixed so that they cannot fall.
- Cabinets must be fixed to the wall.
- An earthquake bag should be prepared.

What should be an earthquake bag contain?

- First-aid kit.
- Water enough for at least 72 hours.
- Non-perishable food enough for at least 72 hours (canned food, biscuit).
- Blanket, flashlight, battery, charger.
- Wet wipes, toilet paper, soap.
- Whistle, underwear, sanitary pad.

Things to do during the earthquake:

- Don't run on the stairs, exits or balconies.
- Cover the head and neck to protect.
- Avoid windows and glassware.
- If you are in the car during the earthquake, pull over but don't block the road.

What to do after earthquake:

- Leave the building after you make sure it is safe.
- Stay away from damaged buildings.

What to do if you are under debris:

- Don't panic. Use your energy in control.
- Don't take actions that will risk your life.
- If you can use your voice, try calling out to the rescuers.

As you can see, we cannot prevent this terrible natural disaster from happening, but we can protect ourselves.

Star Signs

M1-8, Fatma Ceylan

The Zodiac



Zodiac consist of 12 signs. There are four elements: air, fire, water, and soil and here are three signs in each group.

Fire Group: Aries, Leo, Sagittarius.

Soil Group: Tauris, Virgo, Capricorn.

Air Group: Gemini, Libra, Aquarius.

Water Group: Cancer, Scorpio, Pisces.

Fire signs are energetic, enthusiastic, and brave. Soil signs are practical, patient and reliable. Air signs are social, active, and realist.

Water signs are emotional, creative, and devoted.

Star Signs and General Traits

Aries: (March 21- April 19)

Those who are Aries are independent and courageous.

Taurus: (April 20- May 20)

Those who are Taurus are solid and fight for what they want.

Gemini: (May 21- June 21)

Geminis are versatile and known for their energy.

Cancer: (June 22- July 23)

This sign is marked by inconsistency.

Leo: (July 24- August 23)

Leos have high self-esteem and are very devoted.

Virgo: (August 24- September 22)

Virgos are very mind oriented.

Libra: (September 23- October 22)

Libras are known for their diplomatic nature.

Scorpio: (October 23- November 22)

Scorpios are very intense.

Sagittarius: (November 23- December 20)

Sagittarius has a very positive outlook on life.

Capricorn: (December 21- January 20)

Capricorns are marked by their ambitious nature.

Aquarius: (January 21- February 19)

Aquarius doesn't care about what others think about them.

Pisces: (February 20- March 20)

Pisces are extremely sensitive and reserved.

New TV Mini-Series: The Queen's Gambit

M1-24, Hatice Merve Deniz

The Queen's Gambit is one of Netflix's new mini-drama series about addiction, obsession, trauma, and chess. It quickly managed to become one of the most popular contents of its kind. The Queen's Gambit is adapted from Walter Tevis's 1983 novel of the same name and tells the journey of a chess genius, Elizabeth Harmon. The mini-series was created by Scott Frank and Allan Scott. It stars Bill Camp, Thomas Brodie, Harry Melling, Isla Johnston. But of course, the main focus of the series and our focus is on the successful performance of Anya Taylor-Joy. There is plenty to like and to admire in this new, seven-part drama.

Openings are one of the most important points of chess. In fact, the name of the series is the name of a special opening in chess. Netflix started this series with a nice opening. Our first meeting with Elizabeth Harmon took place in 1967, in a messy hotel room in Paris. She took a few pills with the drink, got dressed quickly, and moved to the chessboard. Then, the story turned into one of the worst days of Elizabeth's life. Elizabeth got involved in a car accident with her mother and lost her mother. After Beth lost her mother, she was transferred to the Methuen Girls' Orphanage. His father was not mentioned in this part of the story. This tragedy becomes the turning point of her life. Beth meets tranquilizers, chess, and Jolene at the orphanage. Beth learns chess with the school's janitor, Mr. Shaibal. She develops it in a short time. She's very talented at chess. Years pass and Beth is adopted. Beth's tragic events and her addiction to chess turn even more to chess, which is all she wants in life. This will be a career rise. Beth will continue to rise by blending her high ambition with alcohol and sedative pills. Scott Frank tells her addictive and tragic story in a way that captivates even the most distant audience from chess.

Beth's journey is hard, dynamic, and full of problems. She also tries to find and know herself. It isn't easy to deal with mental problems for an addicted, young person. These problems affect her mind. Beth is so ambitious about chess and she just goes away from all these problems while playing



chess. She likes to guess, to be satisfied, and to win. She always wants to be the best. This perfectionism sometimes can be bad. Watch and see.

The Queen's Gambit reminds us of the 1960s' social norms, such as sexism and unethical practices of the state. I mentioned the sedative pills in the orphanage. This isn't ethical. Beth sometimes attracts attention just to be a woman chess player. Women couldn't be good at chess and do important things like men at that time. Beth will break the rules and show herself to the world. I think this was an important point.

Elizabeth Harmon's extraordinary tale is very impressive for me. Netflix has done well. If you want to watch a person's chess passion, anger, addiction, and their effects on their life, you can see it. I strongly recommend this gripping series.

A Hundred Years of Life Left on the Earth

MI-5, Rumeysa Ketenci

The world is getting scarier every day because of the global warming caused by greenhouse gases such as carbon dioxide. The planet is warming, and as a result, our natural resources are gradually depleting. As a result of this ice is melting around the world, especially at the poles of the Earth.

Between 2000-2016, an average of 8 billion tons of glaciers melted each year. Ice contributes to sea-level rise, and it has been faster in recent years. Rising temperatures are affecting wildlife, and their habitats, so many animals are in danger of extinction. Rainfall (rain and snowfall) has increased on average across the globe.

Global warming is also the cause of Australia's mega-fires. Global warming and extreme heat are the causes of the long-running wildfires that begin in September. As a result of the fire, many lives are lost, many towns are evacuated, and large forests are destroyed.

If it continues, global warming will cause the extinction of one of the six animals and plants that currently exist on Earth. Some



countries will remain under the sea. The terrestrial region will become desertified, and diseases will increase.

In order to make the world habitable for longer, we must reduce the damage we cause to the world. That's why we need to shrink our carbon footprint. For example, I calculated my carbon footprint by entering the information about my house, transportation, and lifestyle onto a website (<https://www.carbonfootprint.com/calculator.aspx>). I learned that by planting six trees, I can compensate for the carbon I produce. You can calculate your carbon footprint and learn the number of seedlings you will plant to compensate the damage you cause because we all use electrical appliances and fossil fuels every day and produce carbon dioxide. If we change our buying and transportation habits, we will contribute to nature. The climate crisis is the reality itself. It's up to all of us to change this reality.

Boomerang Generation

MI-23, Nisa Bektaş

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What do you know about different demographic cohorts? These are called the 'X, Y, Z and Alpha generations'. Each generation has got their own characteristics. I especially want to write and give information the Y generation. This is the 'Boomerang Generation'.

By definition, people of this generation return to families' homes and live with parents after certain age. This group of people are called 'Boomerang Generation' because they turn back to their family home after graduation just like a boomerang. This process sometimes continues until they find a job, sometimes get married and sometimes die. Its benefits include economic comfort, not being alone and order in housework like cooking, washing, cleaning...On the other hand, generation gap is the first disadvantage. This is family home's hardest test. Mandatory house rules are followed by personality conflict, psychological problems and insecurity.

When we look at all this, we can say that the boomerang generation doesn't belong to a generation. Do you have any friends from the boomerang generation? Well, do you think boomerang will be a part of our generation? Let's live and see...

Endless Energy

M1-37, Göktuğ Karakaya

In this period that we call the new world, it is time to put aside our old habits. Our damage to the environment with fossil fuels has reached incredible levels. Today, 80 percent of global energy is obtained from fossil fuels. Scientists who want to reduce this problem believe that they will overcome this problem by developing renewable energy sources. Renewable energy sources have an important effect on reducing dependence on fossil fuels such as coal, oil and natural gas. So what are these advanced renewable energy sources we are talking about? What kind of improvement can they have in the future? Let's examine together.

Hydrogen Power

Hydrogen, which ranks first in the periodic table, is the lightest of the elements and the most abundant element in the universe. Its unique properties have long propellant flight in rockets and air balloons. Now, thanks to fuel cell technology, it is increasingly used to power transportation vehicles.

The fuel of the heat given off by the sun and other stars in the thermonuclear reaction is hydrogen and it is the main energy source of the universe. Hydrogen energy is the energy source formed by the processing and conversion of hydrogen gas, which is present in nature in the form of compounds. It can be produced from different raw materials such as hydrogen, water, fossil fuels and biomass. There are many alternative hydrogen production stages such as steam recovery, waste gas purification, electrolysis, photo processes, thermochemical processes and radiolysis. The hydrogen produced can be transported over great distances by pipelines or tankers. Although it is not a natural energy source, it is among the sustainable and alternative energy sources. But there are some difficulties in sustainability. According to scientific studies, 95 percent of hydrogen is currently produced by electricity from fossil fuels. Using renewable energies in the production process can turn hydrogen into a fully sustainable fuel. However, this is much less profitable than fossil fuel production and is still in the promotional phase. It is also less efficient in terms of energy lost in the conversion process than many other forms of storage. But scientists offer many projects to reduce this inefficiency. With this, it is thought that hydrogen will go through a more efficient production phase.

Nuclear Energy

Nuclear power plants have been an energy source preferred by countries due to their unique characteristics. Considering the environment, society and future generations, the need for reliable, cheap, sustainable and accessible energy sources puts nuclear power plants in the foreground compared to other alternatives. According to Eurostat figures, nuclear reactors were put into operation in 14 EU countries in 2017, and nuclear power plants produced about 25% of the electricity produced in the EU in the same year. About a quarter of the electricity we produce comes from atoms, which means there is still time to talk about the future of nuclear energy. Since nuclear energy can produce energy with low CO₂ emissions and reaches 0 during the production phase, it is generally considered as a tool in combating climate change. However, if it is not kept under control due to obtaining energy by breaking down uranium in nuclear power plants, it causes radioactivity in environmental pollution to a large extent. This brings to mind the complexity of the reactors. We can eliminate this problem with reactor development.

Scientists developing small modular reactors hope to address these concerns by adding new safety features to their designs. They use light water technology, which uses water to prevent the cores from overheating, similar to that used in today's nuclear power plants. However, there are important differences.

Existing reactors use pumps to maintain a constant flow of water to cool their cores and are equipped with standby diesel generators to keep this process going in the event of a power outage. When these complex systems fail, such as the Fukushima Daiichi nuclear power plant in Japan in 2011, the core could overheat and face a catastrophic risk. These small modular reactors rely on natural heating and cooling forces combined with gravity to circulate water in their system, eliminating the need for pumps.

Scientists said this project "drastically reduced" the risk of accidents. As you simplify and shrink these machines, you will actually increase their safety, designing potential accidents and eliminating any backup equipment that may be required.

TerraPower, a nuclear innovation company founded by Bill Gates and headquartered in Bellevue, Washington, has designed two models that use liquid sodium and molten salt as coolants instead of water. The boiling point of liquid sodium is higher than the temperature generated by the nuclear reaction, so the company says the reactor will not overheat.

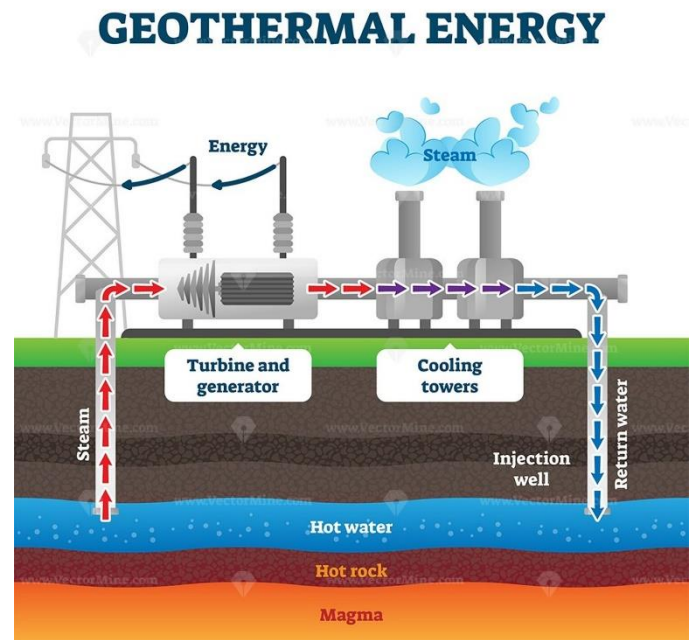
Geothermal Energy

Everyone knows how hot the center of the Earth is. Geothermal energy is obtained from underground hot resources. It is the heat energy carried to the surface by hot water, steam and gases that are above the regional atmospheric temperature and may contain more dissolved minerals, various salts and gases than the surrounding ground and surface waters.

This energy principle is pretty simple. The ground under our feet is warmed by the sun every day. However, it is likewise a great insulator, so it stores a large amount of this heat as energy. The concept here is based on heating the water. A water pipe that is extended downwards gets hot due to the temperature difference. This adds energy to the water with the help of heating.

The advantages of geothermal energy are that the initial investment is spent and the energy is reasonably free and clean. The primary requirement for electricity to run this system is that pumps pump water into the system. There are no emissions from providing heat for home and water. Unlike conventional non-renewable fuels such as oil, coal and gas as well as other energy sources, geothermal energy can be renewable energy, just like wind power, solar energy and also wave blowing. The temperature of the earth is unlimited and therefore its geothermal vitality is infinite vitality. In the future, scientists think this energy will evolve into magma energy. Thus, in the future, human beings will be able to generate electricity using the magma source at the center of the earth. Magma energy has a very important potential in the energy resources of the future. At the moment, all geothermal energy sources are about to start developing on this path.

(As of 2015, global geothermal power capacity is 12.8 gigawatts (GW), of which 28 percent or 3.55 GW has been installed in the United States. Global geothermal power capacity is 14.5-17, by 2020. Based on current geological information and technology disclosed by GEA to the public, the Geothermal Energy Association (GEA) estimates that only 6.9 percent of the total global potential has been used so far. More than 15 percent of its electricity is from geothermal sources. producing countries include El Salvador, Kenya, Philippines, Iceland, New Zealand and Costa Rica.)



Solar & Orbital Energy

Solar energy is heat and bright light whose source is the Sun. It is the radiative energy released by the fusion process in the sun's core. The conversion of hydrogen gas in the sun to helium is due to the fusion process. So how will this energy evolve in the future? Solar energy technologies seem to have a great place among the energy sources of the future. Mankind cannot benefit from the sun much yet because the Earth's atmosphere sends most of the light from the Sun back into space. Therefore, it is necessary to capture solar energy in space and to minimize energy loss. Chinese scientists are building research facilities to help the solar energy, which will be produced by satellites in space, power the earth.

China will set up a facility to investigate whether it is possible to transmit electricity from solar energy to the world using microwaves via satellites. It is stated that the facility, which will be established on a 33-acre land in Chongqing city in southwestern China, will take about 2 years to construct and cost 15 million dollars.

The research is based on the theory of placing satellites equipped with solar panels in orbit and transmitting the generated electricity to the world by assembling it in a huge array of solar collectors to beam. The biggest problem of this system, which can be imagined as a giant wireless charger to be installed in the sky, is that the current technology limits the transmission of electricity from microwaves to only 100 meters. Another point is that microwave energy has the potential to transform the world into a giant microwave oven.

In his statement on the subject, Vice President of the Research Institute Xie Gengxin stated that by collecting sunlight with a network of balloons to be launched from the test base, they will convert the solar energy into microwaves without teleporting them back to the earth, and they are planning a plan to convert microwaves into electricity and distribute it to the grid.

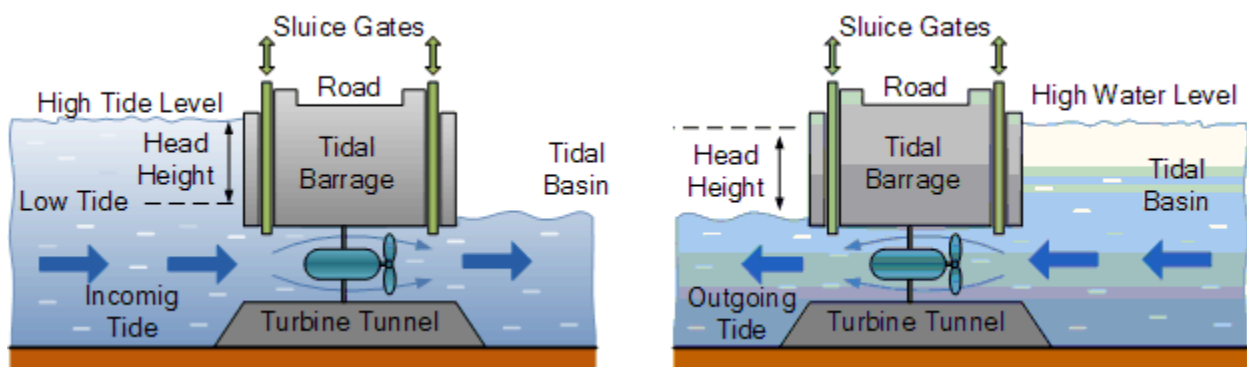
On the other hand, for the theories to come true, the weight of solar panels launched into space must be significantly reduced. Also, the cost of the system is quite high, considering that each solar satellite will cost several billion dollars. The idea of a space-based power plant is aimed to be implemented by 2040. If this project is applicable, it will be possible to convert the lights coming from the sun directly into electricity with this power plant. Later, with microwaves, it will be able to send this electricity to buyers around the world. In the future, it will be possible to benefit more from solar energy among energy sources.

Tidal Energy

In tidal energy, special turbines produced for tidal events are used. These turbines can move bilaterally. The sea swells and descends with the tide. Taking advantage of these two sea level differences, the turbines operate. Thus, electricity is generated. For tidal energy, besides special turbines, a tidal dam is also required. Tidal dams are like bridges. With the tidal turbines underneath, electricity is produced by the tidal event in the estuary. Tidal dams are not harmful to nature. Besides, it is not easy to use and it requires considerable tidal events in the estuary. Therefore, its use is not common. Most countries prefer hydroelectric dams to tidal dams. There is a tidal capacity of 3000 GW in the world. However, only 2% of this capacity is used. It is not used in our country. It is used by countries with a coastline to the ocean. Scientists are working to extract more energy through the current by improving tidal energy.

Tidal Energy Plants on Earth

- Sihwa Lake Tidal Power Plant (North Korea-254MW)
- Rance Tidal Power Plant (France-first tidal power plant-240 MW)
- Annapolis Royal Power Station (Canada-20 MW)
- Kislaya Guba Tidal Power Plant (Russia - 1.7 MW)
- Uldolmok Tidal Energy Power Plant (North Korea-1.5 MW)
- Strangford Lough Tidal Power Station (UK-1.2MW)
- Jiangxia Tidal Power Plant (China-3.2 MW)



An Author Who Chose the Suicide: Stefan Zweig

M1-22, Zeynep Sude Durgun

Stefan Zweig was an author who devoted his life to literature. Zweig always respected art and the artist, and did everything in his power for the development of art. He usually tried to understand and analyse the person and the world in his works. So, what led this man who devoted his life to literature to suicide? Why did he choose this way?

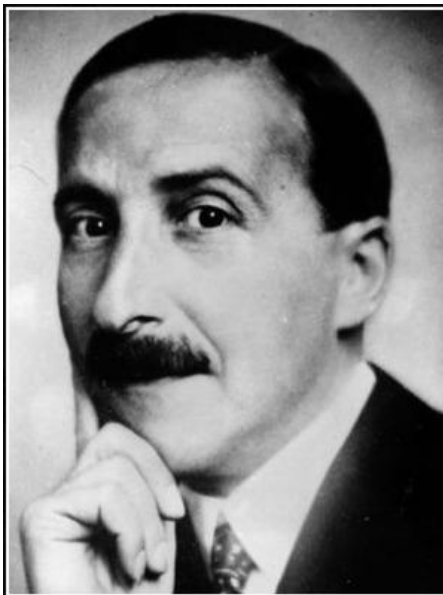
Stefan Zweig was born into a big, rich family, in Vienna on 20th October 1881. His family was from the Jewish bourgeoisie. His father Moritz had a large trading chain. His mother Ida was a smart woman from a noble family. Stefan went through a disciplined training process especially in high school. Vienna was then a city full of art and literature. Stefan and his friends always visited bookstores. They always read the books by new authors like Nietzsche. They also followed theatre and opera closely. They hated authority and wanted to be free. When it came time to go to college, he had to make his choice according to his family. He chose the department of philosophy. He was constantly reading and writing when he was out of school. He collected his poems into a book called "Silver Wires". Stefan was 19 when "Silver Wires" was released. This book received very good reviews. Then, he sent one of his articles to the best magazine of the time. His article attracted great attention in the magazine. His family was also getting proud of Stefan. Stefan decided to continue his education in Berlin. He had fled to Berlin to do his art. He attended many events there and wrote translations. During this period, he travelled a lot to meet the writers he read. He was constantly writing translations to introduce his favourite writers to the world. Meanwhile, he noticed that he neglected school a little. Then, he returned to Berlin for his exams. He graduated from university easily with the help of his teacher. He sent his degree to his family. After that, he went to Paris to meet Rilke. This journey was the beginning of a friendship. Then? Then, he went to London. He discovered William Blake in London and he started to translate Blake. Meanwhile, he started collecting the handwritings of people like Goethe, Gorki and Freud. So, Stefan became both a great lover of literature and a good collector. During this period, he started to become a world-famous writer.

In 1914, World War I started. Stefan did not support the war. He wrote an anti-war article and gave it to a magazine. After that, he started receiving threatening letters. Nevertheless, he thought that "It is necessary to fight against the war." When World War I was over, it left great suffering behind. Stefan moved to Salzburg with his girlfriend Friderike. He devoted himself to the

books he would write. He wrote “Amok” and “Letter from an Unknown Woman” at this time. He became a world-famous writer in his thirties. Stefan got married to Frederike in 1920. When everything was fine Hitler captured Germany. When Hitler invaded Austria, Stefan was depressed. He was left stateless. Then, they got divorced from Frederike. He was lonely. There was one person around him, his assistant Lotte. Stefan obtained British citizenship. He got married to Lotte. They visited a lot of countries. Their last stop was Brazil. He was in a great depression. Despite everything, he continued to read and write. When World War II started, Stefan had given up hope. Where was love and peace? He couldn't breathe because of dark days.

Everything seemed planned. They came home from the Rio festival. They wrote letters to their friends all over the world. They distributed their clothes to their employees, and they sent their books to their friends and libraries. They burned his writings in the garden. It was February 22, 1942. There was no sound from the Zweigs. Their servants entered their room at 16.30. She saw them lying in bed in their most beautiful clothes. Stefan wrote this in his last letter.

“... I greet all my friends! Hope they can see the red light coming in after the night. As always, I'm going first, impatiently.”



In history as in human life, regret
does not bring back a lost moment
and a thousand years will not
recover something lost in a single
hour.

— Stefan Zweig —

AZ QUOTES

Unstable Soul

M1-16, Serra Sartabak

From the Institute of Molecular Psychiatry at the University of Bonn, Dr. Albayram found that bipolar disorder is caused by a defect in the gene called Neurocan (NCAN). The disease, which is called bipolar disorder today, has also been described in the past by various names such as manic-depressive illness, psychosis manic-depressive (PMD), manic-depressive psychosis and cyclothymia.

Bipolar disorder is a genetic disease, but it can sometimes occur after a trauma. Early and accurate diagnosis is very important in this disease. Actually, this is very important in all diseases. Otherwise, it can lead to other problems.

Bipolar disorder has two episodes: manic episode and depressive episode. The behaviors of these periods are very opposite to each other. Symptoms of the manic period are weight change, excessive talking, staying awake all day and night, thinking too much, sexual desire and hyperactivity. Symptoms of the depressive episode are pessimism, unhappiness, feeling worthless, having trouble sleeping or sleeping too much, wanting to die, and being suicidal. The manic episode is usually seen in spring and summer, while the depressive episode is seen in the autumn and winter. Patients say they suffer in both periods.

My aunt was also bipolar. She was very nice to everyone in the manic period. She was treating us like an angel. She would buy gifts for my grandmother. She was up all night and ate too much chocolate. She was like a model when I met her. Now, she is far from her former self. However, in her depressive period, she was fighting with everyone. She was texting bad messages



to my grandmother. She was suspicious of everyone and she used to forget self-care. Finally, she is fine after taking her medication.

Surprisingly, there are many celebrities who are suffering or suffered from bipolar disorder. Selena Gomez, Beethoven, Jim Carrey, Kurt Cobain, Britney Spears and Sylvia Plath are some of many examples. Among these famous people, Sylvia Plath had one of the most tragic lives and deaths because of her condition. Unfortunately, she could not hold on to life for a long time under the effect of her illness and committed suicide. On 11 February 1963, after preparing breakfast for her children, she closed their room's door and killed herself with the gas of the oven. In her lifetime, she was a good mother and a successful poet but she could not resist this consuming illness more. In her diaries published after her suicide, Plath wrote that she lived together with happiness and unhappiness, and after anger, she turned into an exuberant mood.

So, how should we treat these patients?

Fortunately, this cruel disease can be treated with drugs. The purpose of the drugs is to prevent attacks. Patients do not want to use drugs because they feel good between the attacks. Family and friends should be conscious about getting the right medication on time. Luckily, scientists found a method called Lithium method. It took too long to find out how this cure works. Lithium is the most effective drug in the treatment of bipolar disorder, and it is more effective than other mood stabilizers, especially on manic symptoms and risk of suicide. This is such an effective drug that it can return patients to their normal lives. That is, it shows that it is possible to solve the problem with the right medication.

However, without this medication, patients are not able to have a normal life. In the manic period, the patients may seem very happy to the people around them. Their family and friends may say, "S/he used to cheer up suddenly, laughing at everything, playing loud music, singing, dancing and playing games until the morning. However, another day or another moment, you can see her/him getting angry very quickly, screaming and yelling at everyone and everything, hitting and breaking objects, behaving disrespectfully towards people and speaking abusively." The importance of family is very important in this disease, which is difficult to notice. Especially after the medical treatment, the family should always support the patient. Because s/he becomes stagnant after the treatment. Patients should never be neglected so that they do not get depressed again. If there is someone around you who has this disease, please do not be angry with her/him and try to be patient. Healthy days...

Animals and Their Body Language

M1-26, Eymen Demir

As you know, *CATS* are an essential part of our lives. On the street, at home, in front of our shops and even in the wild... In fact, cats don't seem to be very relevant to humans. However, it turns out that cats are more careful than we thought, and they understand when we are happy. A new study contains strong data showing that cats are sensitive to human emotional expressions.



Moriah Galvan and Jennifer Vonk from Oakland University in the state of Michigan conducted research on 12 cats and their owners. Cats behaved differently when their owners smiled or frowned. The results of the research were published in the journal *Animal Cognition*. While they understand us, we can try to understand them. So how do these creatures communicate and what do they want to tell us?

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THEIR BODY LANGUAGE AND WHAT THEY MEAN

1. If a cat's tail is up, it is an indication that the cat is probably happy and excited to see you.
2. If a cat lies on its back, it is an indication that the cat is calling you to play.
3. If a cat's tail is down and puffy, that means your cat is scared or threatened.
4. If a cat's tail goes up and down quickly, unfortunately, it doesn't mean the same as when dogs are happily wagging their tails. If your cat wags its tail up and down, that's because they want you to leave him/her alone!
5. If a cat's ears tilt back, there is a problem! The cat thinks it is in danger.

DOGS are "man's best friend". At the same time, they are our most loyal friends. Since ancient times, they have served us in many important areas and tasks.

For example, they have been helpful in search and rescue operations, in catching criminals and even in protecting us and our homes.

THEIR BODY LANGUAGE AND WHAT THEY MEAN

1. What does a happy dog do?

It wags its tail quickly. It gets so excited that it can't breathe. Their ears are usually in an upright position.

2. What does a dog about to attack do?

Its teeth are visible. It barks loudly or growls. The position of its tail is at body level or above.

3. What does a scared dog do?

The tail is fixed between the hind legs. Tremors can be seen in the legs. Its head is down. Its ears are pointing down. Angry looks can be seen.

WOLVES are the ancestors of dogs. Their communication is almost the same. The biggest difference is that wolves howl more. In this way, they can communicate even from very distant places. One of their most important talents is 'smell'. Wolves have approximately 200 million olfactory cells. People have 5 million. Thus, a wolf can smell another animal over a distance of more than 1.5 kilometers.

Animals also have feelings and thoughts like humans, and I think the greatest feature that distinguishes us from other creatures is our feelings and thoughts. Every living thing uses different methods to explain this. Communicating with animals is an art and knowing this art will make us better equipped. As a result, we will be able to creatively spend more time with them. Maybe, we can find solutions for our problems, too. Do you think understanding animals is like understanding humans? Actually, do you think we really understand people?

Tsunamis

M1-19, Kutlay Yazar

What are tsunamis? Tsunamis are long period sea waves. These waves are from sea to land. They are usually very high. What are some general facts about tsunamis?

Not much was known about tsunamis until the 20th century. The first geological books called tsunamis seismic sea waves. Some tsunamis are very big, some are smaller. Tsunamis usually happen in the Pacific Ocean mostly in Japan, the Philippines, Indonesia, China and the USA. Tsunamis are one of the most dangerous natural disasters. They cause great damage and a lot of people die in tsunamis.

How do tsunamis occur? Tsunamis occur after earthquakes, nuclear explosions, volcanic eruptions or meteorite crashes. They are more common in seaside or ocean cities. An earthquake that occurs on the floor of the sea or near the sea causes tsunamis. If a meteorite falls on the seafloor, tsunamis occur. The nuclear explosions under the sea cause tsunamis. The volcanic mountain eruptions at the seaside cause tsunamis. The water on the floor of the ocean comes to the surface. Then, big waves; that is, tsunamis occur. Tsunamis aren't like other sea waves. These waves are much higher than the others. The height of the waves can reach up to 40 metres and their speed can reach up to 800 kilometers per hour.

What can we do before tsunamis occur?

- We should listen to tsunami news on the radio.
- We shouldn't build homes next to the sea.
- What can we do after tsunamis occur?
- We should leave the house calmly.
- We should escape from the seaside to high places such as hills.
- If we are in the sea on a boat, we should try to get away from the seashore.

What are the five largest tsunamis in world history?

1. North Pacific Coast, Japan - 11 March 2011

An earthquake happened in Japan on 11 March, 2011. It occurred 24 kilometers deep in the ground. Its magnitude was 9,0. After the earthquake, tsunami waves moving at a speed of 800 kilometers per hour occurred. These waves were 10 meters high. This tsunami caused big damage to people and homes in Japan. The tsunami waves caused the Fukushima 1 Nuclear Power Plant



accident. There was a loss of 235 billion dollars. 18.000 people died in this tsunami.

2. Sumatra, Indonesia - 26 December 2004

A disaster occurred on the Island of Sumatra on 26 December, 2004. First, an earthquake with a magnitude of 9.1 occurred 30 kilometers deep in the ground. The length of the fault was 1300

kilometers. Then high horizontal waves occurred on the fault line. The biggest tsunami wave was 50 meters. There was a damage of 10 million dollars. 230.000 people died in this disaster.

3. Sanriku, Japan - 15 June 1896

A tsunami occurred after an earthquake with a magnitude of 7.6 on 15 June, 1896. 38.2-meter-high waves occurred in Sanriku. The tsunami destroyed more than 11.000 homes. More than 22.000 people died.

4. Krakatau, Indonesia - 27 August 1883

A tsunami occurred on 27 August, 1883 as a result of the eruption of the Krakatau Volcano. The tsunami waves reached 37 meters. It caused great damage to the cities of Anjer and Merak. 2.000 people died in the volcano eruption. 38.000 people died because of the tsunami following this earthquake.

5. Chile - 13 August 1868

An earthquake with a magnitude of 8.5 happened on the Arica coast in Chile on 13 August, 1868. Then tsunami waves occurred in all countries on the edge of the Pacific Ocean. These waves were 21 meters high and they lasted for 3 days. The tsunami waves reached Sydney, Australia. There was a damage of 300 million dollars and 25.000 people died.

Winged Victory of Samothrace

M1-12, Gül Karabulut

This monument was probably an ex-voto offered by the people of Rhodes in commemoration of a naval victory in the early second century BC. This Hellenistic sculpture has references to the Classical period-prefiguring the baroque aestheticism of the Pergamene sculptors.

The Winged Victory of Samothrace is one of the masterpieces of Hellenistic sculpture. The figure creates a spiralling effect in a composition that opens out in various directions. It shows that the sculptor has been remarkably skillful in creating visual effects. The decorative richness, sense of volume, and intensity of movement are characteristic of a Rhodian style that prefigures the baroque creations of the Pergamene School.



Where is Samothrace? Samothrace is an island off Thrace in the Aegean Sea. It is in the north east of Greece. On the northern side of the island, there was an ancient temple dedicated to the Great Gods. It was one of the most famous temples in the Hellenistic world.

According to the rumour, there was a great storm in ancient times. The storm did not affect Samothrace. People believed Nike protected the island. It is thought that this monument was built in memory of a naval victory in the second century BC.

In the 6th century AD, an earthquake destroyed the area. Nike of Samothrace was one of the statues among the ruins until it was found in the 19th century.

The Thessaloniki consul of France and amateur archaeologist Charles Champoiseau found the statue on May 2, 1863. He came to Paris on May 11, 1864, a year after his founding. The journey took so long because Champoiseau was unable to convince the Paris Academy of Fine Arts that the statue was worthwhile. The allowance for the transport came out only after eight months.

Winged Victory of Samothrace was in pieces when it arrived at the Louvre Museum. There were missing pieces from the statue: head, arms, feet, many pieces of clothing and wings. Besides, there were more than 200 unclear pieces.



It took two years to assemble all these parts. The Nike statue from Samothrace was exhibited for the first time in the Louvre in 1866. However, the platform (bow) on which the statue stood was missing. Work in Samothrace started again. The bow of the ship was found in 1879. It took three years to assemble these parts.

Nike is the goddess of victory and speed in Greek mythology. Goddess Nike is depicted as a woman with wings. Nike is one of the four god brothers who helped Zeus and are renowned for their powers. Zeus sought help from Nike and his brothers in the battle of the Olympian Gods against the Titans. Zeus rewarded the brothers for their help in his victory of Titanomachy, and they were able to survive on Mount Olympus. In ancient Greece, people considered worshipping the Goddess Nike as sacred. According to them, the reason for this worship was that they thought they could escape death thanks to the speed of the goddess of speed. They also believed that the goddess gave them speed for their daily routines.



Nike's Inspiration

The name of the Nike brand comes from Nike from Samothrace. The logo of the brand was also inspired by the wings of the goddess Nike, which is the symbol of speed, power and movement. A college student, Carolyn Davidson, designed the logo in 1971 for only \$ 35.

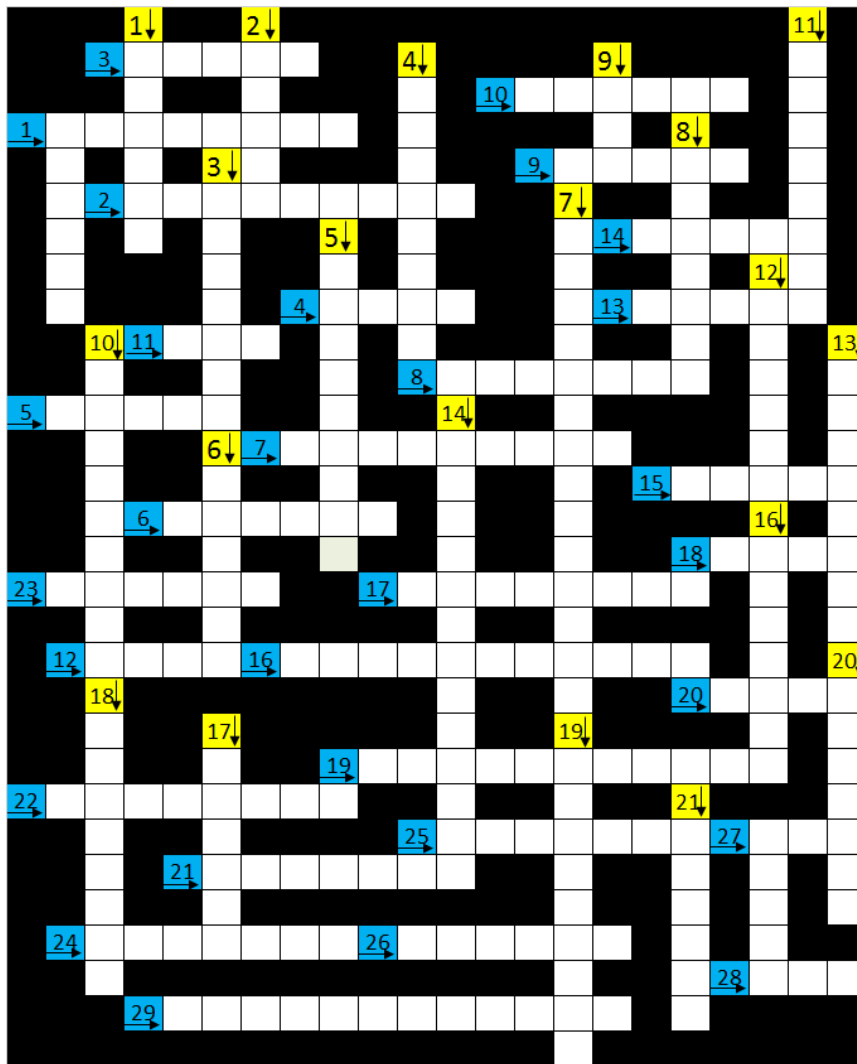
Goddess Athena holds Nike, the Goddess of Victory, in her hand

And now, go to the next page to solve a crossword puzzle and test your knowledge...



Crossword

M1-1, Abdülkadir Engin



ACROSS

1. Giving or willing to give freely, not stingy
2. A word that describes a person or thing
3. Used when speaking or writing to a woman in a formal or business situation
4. A piece of wood that is opened and closed so that people can get in and out of a room, building, etc.
5. A boat or ship that carries people, vehicles
6. A place where children go to be educated

DOWN

1. The first day of the working week
2. Without any other people, lonely
3. The first month of the year
4. A person who continues to live, especially despite being nearly killed or experiencing great danger or difficulty
5. A process of teaching, training and learning, especially in schools, colleges or universities, to improve knowledge and develop skills

<p>7. The act of listening to, looking at or thinking about something/somebody carefully</p> <p>8. Very impressive or very difficult and very great</p> <p>9. A small animal that is covered in fur and has a long thin tail</p> <p>10. The process of doing something in order to make something happen or to deal with a situation</p> <p>11. A long distance away</p> <p>12. A type of traditional round tent used</p> <p>13. A person who hates somebody or who acts or speaks against somebody/something</p> <p>14. A group of railway vehicles that are connected and pulled by an engine</p> <p>15. A thing that happens, especially something important</p> <p>16. Subway, tube or metro</p> <p>17. A person who is in the same family as somebody else</p> <p>18. No longer alive</p> <p>19. Without delay, right away</p> <p>20. A large ball of burning gas in space that we see as a point of light in the sky at night</p> <p>21. The fact that somebody/something is able to do something</p> <p>22. A continuous pain in the head</p> <p>23. Something that you say, write or do to react to a question or situation</p> <p>24. Unusual or surprising, especially in a way that is difficult to understand</p> <p>25. A building in which collections of books, newspapers, etc. and sometimes films and recorded music are kept for people to read, study or borrow</p> <p>26. Helpful for doing or achieving something</p> <p>27. Either of the two organs on the face that you see with</p> <p>28. A small animal with a long tail, that looks like a large mouse</p> <p>29. Connected with or involving mathematics</p>	<p>6. To take willingly something that is offered; to say 'yes' to an offer, invitation, etc.</p> <p>7. A system for carrying people or goods from one place to another using vehicles, roads, etc.</p> <p>8. Unusual or surprising, especially in a way that is difficult to understand</p> <p>9. 2 by word</p> <p>10. Without doubt, definitely</p> <p>11. Quickly and unexpectedly</p> <p>12. Each of the 60 parts of an hour, that are equal to 60 seconds</p> <p>13. The day in each year which is the same date as the one on which you were born</p> <p>14. A family that consists of father, mother and children, when it is thought of as a unit in society</p> <p>16. Used to emphasize that something is correct in every way or in every detail, absolutely</p> <p>17. A long curved fruit with a thick yellow skin and that is soft inside, which grows on trees in hot countries</p> <p>18. Physical or mental activity that you do to stay healthy or become stronger</p> <p>19. Not arranged in an even way; not having an even, smooth pattern or shape, uneven</p> <p>20. A strong feeling of approval of somebody/something because of their good qualities or achievements</p> <p>21. Having the colour of lemons or butter</p>
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Go to the next page to see the key and check your answers...



Key to the Crossword Puzzle



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