

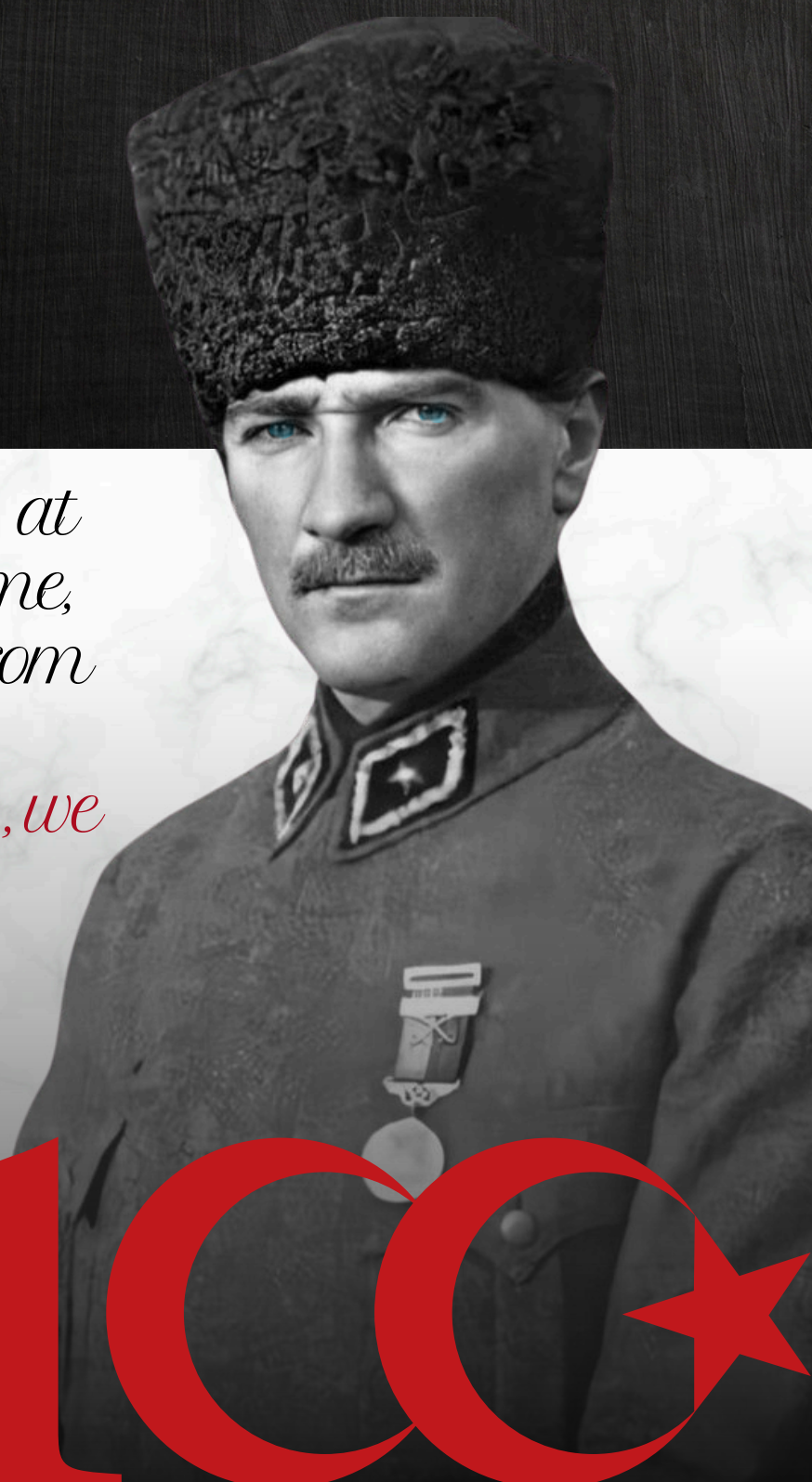
# Dynamic

Issue: 6

From the Pen of Turkish Youth...

*Do not ask who it is at  
your door, it is me... me,  
who is entirely you from  
head to toe!*

*For a hundred years, we  
have been 'You.'*



# Editors

Fıranğız KHIDIROVA  
Derin USLU  
Eylül AVCI  
Berke ÇELİK  
Yaren GÜLER

# Writers

● Ahmet Ege  
BİLER

● Betül  
TEZGEL

● Burak Utku  
BAĞÇACI

● Ceylin  
BAŞGELEN

● Ceylinaz  
TARKAN

● Duru  
SAYAR

● Hayal  
BAŞ

● Hülya Deniz  
BİNGÖL

● İrem  
ENGÜN

● Melek  
MUTLU

● Merve  
ÇOKAN

● Mine  
KARADENİZ

● Minel  
BAŞARIR

● Nisa Yağmur  
AYBEK

● Nurhan  
KIVANÇ

● Sude Nur  
VARIŞLI

● Tuba  
ÖZBİNA

● Ümmühan Ece  
ÇAYIR

● Yasemin Gökçe  
BALABAN

# Translators



**Bengü  
BAVBEK**



**Berke  
ÇELİK**



**Betül Ece  
ALTUN**



**Ceylin  
BAŞGELEN**



**Defne  
YAMAN**



**Defne  
ZOROĞLU**



**Emin  
BABUR**



**Eren  
KİNİŞ**



**Gizem  
YILMAZ**



**İbrahim  
KOÇ**



**İrem  
ENGÜN**



**Mehmet Doruk  
ÖZBAY**



**Samî  
DEMİR**



**Şaban Aydın  
TÜRKAYDIN**



**Ulaş  
GEGA**



**Yusuf Halil  
GÜLYENLİ**

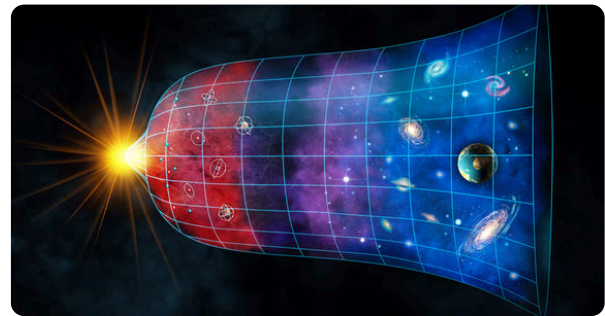
# CONTENTS

---

<b>Note from the Editor</b>	05
<b>Atatürk Corner</b>	06
<b>Monthly Picks</b> <i>Books, Games, Series &amp; Movies</i>	07



<b>Architecture</b>	18
<b>Horror Corner</b>	22
<b>The End of the Universe</b>	28
<b>Mushrooms</b>	31
<b>Hassan Sabbah and his Bouncers</b>	32



<b>Philosophy</b> <i>Love, Power</i>	33
<b>Salvador Domingo Felipe Jacinto Dali Domenech</b>	35
<b>Anatolian Rock</b>	36
<b>Poetry</b>	38
<b>Sport Corner</b> <i>Karate</i>	41
<b>Psychology</b> <i>Maladaptive Day Dreaming</i>	43
<b>Medical Corner</b> <i>Pathology</i>	44
<b>Viruses</b>	45
<b>Essays</b>	46
<b>The Tavern of Agop</b>	48
<b>The Magical Button</b>	49
<b>Our School Projects</b>	50
<b>General Knowledge Test</b>	53

# Note from the Editor

Fırangız KHIDIROVA

I was sitting in the computer room. I remember that at that time I often talked to the teachers about how nice it would be if we started a magazine. I was researching something about the magazine on the computer and fighting with the thoughts of 'If we really start a magazine, will the authors participate?' At that time, someone came up to me and said 'Are you going to start a magazine? That's a great idea! I would like to be an editor.' Then I learnt that his name was Berke, he is now one of our 5 editors and yes, he is one of the biggest factors in creating the magazine and finding that motivation. The group was established, the authors were met and then a survey was conducted in the magazine group. Thus, 4 editors were selected. 4 of us gathered in the magazine room and had a long talk with Derin, Eylül and Berke. We were all sure that we would produce a very good magazine. Then we held consecutive meetings, took notes. There was someone who was with us at every meeting; Yaren. Yaren, who we called a quarter editor at first, became a half editor after a while, and then a full-time editor. We ended the process we started with 4 editors with 5 editors. But don't look at us saying we ended, every end is a beginning. We will be back with many new magazines in the future

Our high school is a high school for the numerical field and our school is always busy with lessons. It is very difficult to participate in any social activity or write for the magazine in such a busy schedule of classes and exams. But we have done it! We would like to thank our authors who carefully edited their articles in this intensive process, even during the exam week, so that the editors would not have difficulty. Don't look at what we call writers, our friends whose laughter echoes throughout the corridor during meetings... We are proud and happy to present the first issue of our Fenli Sesi magazine to our school.

Thank you for being with us, dear school. As writers and editors, thank you dear readers. Let's leave you alone with our lines...

**MUSTAFA KEMAL**

# ATATÜRK

**Either Independence or Death!**

**Eylül AVCI**



**"The homeland is at stake, the rest is trivial."**

**"Nations that sleep either die or awaken as slaves!"**

**"Nations that have lost their national identity become prey to other nations."**

**"We are not enemies to anyone, only to those who are enemies of humanity."**

**"To overcome pride in success, and to resist despair in disasters, is necessary."**

**"Do not allow mischief-makers to interpret the concept of a secular government as godlessness."**

**"Secularism, far from being godlessness, opens the door to combating false piety and superstition, thus ensuring the development of true piety."**

**"This country was Turkish in history, is Turkish in the present, and will remain Turkish for eternity!"**

**"Ideas whose time has come can never be rejected."**

# **NO.1 MONTHLY PICKS**



## **BOOKS**

**SANDMAN SERIES  
THE MIDNIGHT LIBRARY  
OMNISCIENT READER**

---

## **ONLINE GAMES**

**STARDEW VALLEY  
THE STANLEY PARABLE  
MADISON**

---

## **SERIES & MOVIES**

**LA LA LAND  
THE 100  
OBLIVION  
STALKER**



# Books

## SANDMAN SERIES

When it comes to the DC universe, most people think of Superman, Batman, Joker, and Wonder Woman. However, for our first issue, I wanted to do something different and recommend my favorite comic book: Sandman. This comic series was published between 1986 and 1996 and consists of 10 volumes. Among its creators is Neil Gaiman. Our hero, Morpheus, is one of the Endless and the story revolves around him and the events in his realm. Naturally, with Neil Gaiman as one of the creators, there are references to mythology as well. If you're not into comic books, the first volume of Sandman was adapted into a TV series last summer. Enjoy reading!

Ümmühan Ece ÇAYIR  
(Translated by Berke  
ÇELİK)

*"Dreams are more powerful than realities. Because dreams always exist, whereas realities only last for a while..."*

*"...A dream can change everything."*





# Books

## THE MIDNIGHT LIBRARY

At a point where Nora finds herself on the brink of giving up on life along with all her troubles, after her cat's death, she finds herself in the Midnight Library filled with books. Except for the Book of Regrets, each book here holds possible different lives, and until Nora finds the life she desires, she selects a different book and experiences a new life. The book has an extremely original concept, breaking down prejudices about it. It shows us the place and importance of our indecisions alongside our decisions in our lives built on possibilities. Possibilities always exist; we shouldn't succumb to pessimism. No matter what happened, we only have one life. And it is worth living.

Tuba ÖZBİNA &  
Sude NUR  
(Translated by  
Yusuf Halil  
GÜLYENLİ)

*"Confidently follow  
your dreams,"  
Thoreau once said.  
"Live the life you've  
imagined."*

*"...just because one  
bad experience  
occurred doesn't  
mean all  
experiences have  
to be bad."*



# Books

## OMNISCIENT READER

Kim Dokja was an average office worker whose interest was reading his favorite online novel, Three Ways to Survive the Apocalypse (TWSA). However, when the novel suddenly becomes reality, he realizes how the world will end. He is the only one who knows what is coming. With this awareness, Dokja adapts his understanding to the course of the story and what he knows.

You can find it under the names Omniscient Reader, Omniscient Reader Viewpoint, or ORV. It is an action-themed novel, and its Web Novel version is finished. There are currently over 150 episodes in the webtoon. In WebNovel, there are 551 chapters.

Yaren GÜLER  
(Şaban Aydın  
TÜRKAYDIN)

*"Words come to life  
on the pages,  
shaping our  
imagination and  
carrying us into the  
unknown. Reading  
carries us to  
different realities."*



# Online Games

## STARDEW VALLEY

Stardew Valley is a single-player or multi-player video game that was developed by ConcernedApe and released in 2016. The main character starts the game as an office worker who is bored by modern life and takes the heritage of his or her grandfather's old farm. In the Pelican City where our characters' home takes place, he or she can interact with NPCs and develop relationships with them and, at the same time, do agriculture on his or her farm and develop it. With its rich content and relaxing atmosphere, Stardew Valley presents gamers with the opportunity to build their own farm. You can find it on Steam. Good games:D

Derin USLU  
(Translated by  
Eren KİNiŞ)

*Stardew Valley has gained good compliments from the critics with its fascinating graphics, calm atmosphere, deep game mechanics and rich content; and for it is a pleasant and relaxing game it gained praise from the gamers.*

# THE STANLEY PARABLE

## Online Games

### THE STANLEY PARABLE

The Stanley Parable is a first-person exploration game. Throughout the game, you will both play as Stanley, who works in an office, and you will not play as Stanley. You will be following a story and not following a story at the same time. You will have many options and no options at the same time. The game will end; the game will never end. Contradiction follows contradiction; the rules of how games should work are broken, then broken again. This world was not created for you to understand. You can find the Deluxe version of the game on Steam.

Yaren GÜLER  
(Translated by  
Emin BABUR)

*"...The game's striking narrative, cleverly written dialogues, and complex game mechanics manage to impress gamers. Freedom of decision-making and irony-filled narrative draw players into the game..."*



MADISON

# Online Games

## MADISON

MADiSON is an excellent 2022 horror game. In this game, where you can feel the tension in every aspect, the goal is to control our main character, Luca, and find a way to respond to the tortures of the demon named MADiSON, who forced him into disgusting and bloody rituals decades ago and took over his will. With the camera we have, we can solve puzzles, and it's a game where you can jump out of your seat from fear at any moment but also have a lot of fun. The graphics and story are excellent for its price, making it a perfect game for those who love suspense. You can find the game on Steam.

**Melek MUTLU**  
(Translated by  
Berke ÇELİK)

*"The game's successful use of sound design, visual style, and cleverly placed scare moments strains the nerves of the players and takes them on a journey full of surprises..."*



# Series & Movies

## LA LA LAND

"La La Land" is a musical and romantic masterpiece directed by Damien Chazelle. The impressive performances of Emma Stone and Ryan Gosling are dazzling. The movie is about Mia, who pursues her dreams in Los Angeles, and Sebastian. It captivates the audience with fascinating music and dance scenes. The visually impressive film reflects emotional situations and characters' inner worlds through skillful use of colors. Bright tones depict moments filled with hope and dreams, while muted shades express moments of disappointment and facing reality.

Nisa Yağmur  
AYBEK  
(Translated by  
Berke ÇELİK)

*"La La Land" tackles universal themes such as pursuing dreams with great passion, facing failure, and the power of love. It offers a courageous and inspiring experience.*



# Series & Movies

## STALKER

Where and when it happened, we don't know about the region where the tracker formed and why it was placed under military protection. The movie tells us that there are unexplainable events in the region and that no one who enters the area ever comes back. The tracker guides customers through the region illegally for money and ensures their safe return. The film begins with a professor and a writer consulting the tracker. Throughout the movie, the professor represents rationality, the writer represents idealism, and the tracker represents belief. Tension increases when the tracker says there's a room in the heart of the region where one's deepest desires come true. The professor and the writer ask the tracker to take them to the room. The tracker agrees to their request.

Hülya Deniz  
BİNGÖL  
(Translated by  
Defne ZOROĞLU)

*"...What was that?  
A meteorite fall?  
Visit from the  
inhabitants of the  
cosmos? However,  
a wonder of  
wonders was born  
in our small  
country  
- THE ZONE."*



# Series & Movies

## OBLIVION

Oblivion is a science fiction film released in 2013, starring Tom Cruise as the main character. The movie depicts a post-apocalyptic world and was adapted from the director's comic book for the cinema. Jack Harper is portrayed as one of the last unmanned aircraft mechanics on a mission in an abandoned world. Amidst a looming threat, Jack, who is part of a large operation to extract vital resources after years of war and whose mission is nearing completion, encounters a stranger falling from a spaceship. His intervention at the scene triggers a series of events that lead him to question everything he knows, ultimately placing the fate of humanity in his hands.

Hayal BAŞ  
(Translated by  
Betül Ece ALTUN)

*"They say you die twice: once when you run out of breath, and again when someone calls out your name for the last time."*





# Series & Movies

## THE 100

Get closer! Once you start this series, you can't put it down. On the other hand, experts suggest that the cure is only possible when the series airs its final season. The show in question is The 100, a series that has garnered acclaim for its gripping storytelling, the suspense it builds in every episode without exception, and its strong cast. This series, comprising 7 seasons in total, was originally adapted from Kass Morgan's book of the same name and surprisingly concluded with its 100th episode. Following a nuclear war, Earth has become irradiated and is no longer habitable for humans, or is it? As far as we know, survivors from 12 different countries were living on stations orbiting the planet. Eventually, they united under the same roof and began living on a station called Ark. However, the facilities were poor, resources scarce, and the situation dire to the extent that justice was scarcely mentioned. Therefore, it is undeniable that the series offers sociological insights.

Ceylin BAŞGELEN  
(Translated by  
Mehmet Doruk  
ÖZBAY)

*"They say you die twice: first, when you stop breathing, and the second time, thereafter, when someone mentions your name for the last time."*

# HAGIA SOPHIA MOSQUE

The monument, officially known today as Hagia Sophia Grand Mosque, has been built three times on the same site. The current Hagia Sophia is known as the "Third Hagia Sophia."

The first construction of Hagia Sophia began during the reign of Constantine I, who adopted Christianity as the official religion of the Roman Empire. It was built as a basilica with a wooden roof on the first of Istanbul's seven hills and was called the "Great Church." This structure was completed and inaugurated around 360 AD by Constantine II. However, a fire caused by riots following tensions between Patriarch John Chrysostom and Empress Eudoxia in 404 AD severely damaged the basilica, leaving no remnants of the original structure.

The second Hagia Sophia was built on the same site by Emperor Theodosius II and completed in 415 AD, reopening as a church. From 430 AD onwards, it was called "Hagia Sophia," meaning "Holy Wisdom of God." This basilica, also with a wooden roof, was destroyed in 532 during the Nika Revolt against Emperor Justinian.

Emperor Justinian decided to construct a larger and more magnificent Hagia Sophia immediately after the revolt. The third Hagia Sophia was built between 532 and 537 by Byzantine Emperor Justinian I and was opened on December 27, 537. Throughout the years, Hagia Sophia, used as the Imperial Church of the Eastern Roman Empire, suffered significant damage due to wars, uprisings, and natural disasters. The darkest period for Hagia Sophia was from the Latin invasion until the conquest of Istanbul, during which it was at risk of destruction until the city was captured by Sultan Mehmed the Conqueror. Additionally, its symbolic and sociological significance was also harmed due to the conflicts between the Catholic and Orthodox sects.

From the time of Sultan Mehmed the Conqueror, the Ottomans regarded Hagia Sophia as a symbol of their conquest and took great care of it, establishing regular maintenance and repair activities. Notably, the additions and renovations by architect Sinan played a crucial role in preserving this heritage for future generations.

Sultan Mehmed the Conqueror first built a madrasa next to the mosque to initiate educational activities. The first minaret of Hagia Sophia, made of wood, was also constructed during his reign but was removed during major repairs in 1574. The second minaret, built of bricks, was added during the reign of Sultan Bayezid II.

Hagia Sophia, converted into a mosque after the conquest and serving as such for 481 years, was closed to the public in the 1930s for restoration work. It was subsequently converted into a museum by a Council of Ministers' decree on November 24, 1934. However, on July 10, 2020, the Council of State annulled this decree, and shortly after, with Presidential Decree No. 2729, Hagia Sophia was reopened for worship.

**-Eylül Su ÇUVALCIOĞLU-**  
**(Translated by Berke ÇELİK)**



# GOTHIC ARCHITECTURE

## HISTORICAL DEVELOPMENT

Written by Derin USLU

Translated by Berke ÇELİK

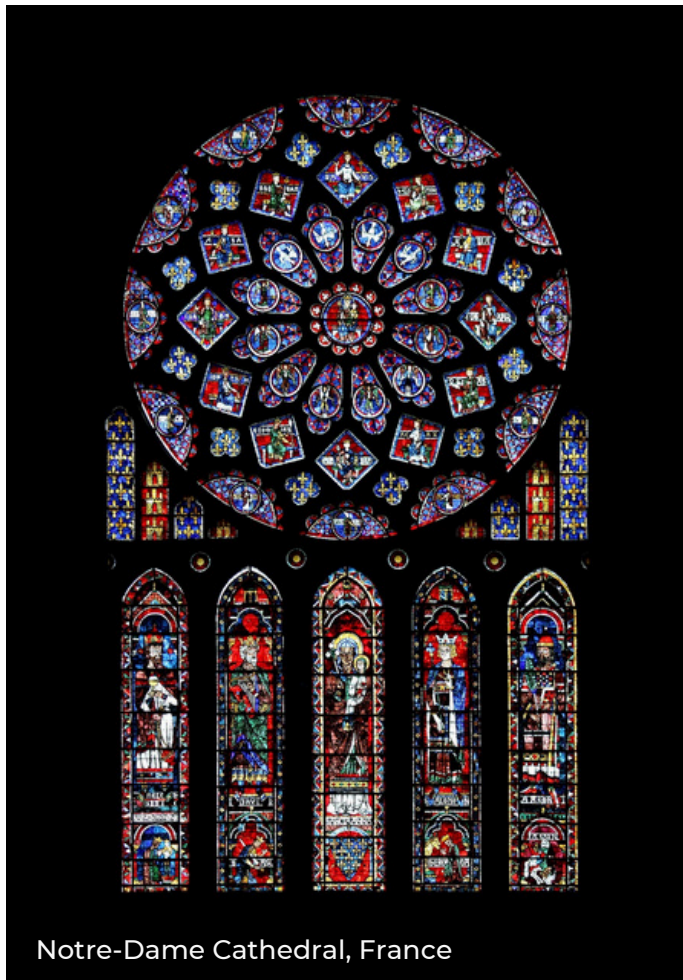


Gothic architecture emerged as a distinct architectural style in Europe from the 12th to the 16th century, particularly during the Middle Ages. It developed as a reaction to the earlier Romanesque style and represented a significant departure from the prevailing architectural norms of that time. The development of Gothic architecture was influenced by various social, cultural, and technological factors. In fact, the origins of Gothic architecture can be traced back to the Abbey of Saint-Denis in France. The influential French Abbot Suger aimed to create a brighter and more spiritual environment for religious worship. To achieve this, he introduced several architectural innovations such as pointed arches, ribbed vaults, and the widespread use of stained glass windows.

These elements became distinctive features of Gothic architecture. The development of Gothic architecture coincided precisely with a period of great economic prosperity and urban growth in Medieval Europe. The construction of magnificent cathedrals became a symbol of wealth, power, and religious devotion for both secular and religious authorities. The competition between cities and rulers led to the rapid spread of Gothic architecture across Europe. Over time, regional differences emerged in Gothic architecture. In France, the High Gothic style reached its peak with the construction of cathedrals such as Chartres, Reims, and Amiens. In England, the Perpendicular style emphasized verticality and intricate lattice work. The German regions developed a unique style known as Hallenkirche, characterized by its hall-like form and emphasis on practicality.

In the 16th century, the Renaissance and changes in architectural preferences led to the decline of Gothic architecture. The classical ideals of ancient Greece and Rome became popular, and architects began to favor symmetrical proportions and classical orders. Nevertheless, the legacy of Gothic architecture can still be seen in many cathedrals, churches, and similar buildings across Europe. This stands as a testament to the creativity and genius of medieval architects. As a result, Gothic architecture represented a significant departure from the earlier Romanesque style, revolutionizing the way buildings were designed and constructed. It combined advances in structural engineering with artistic expression through stained glass, creating impressive spaces for religious worship. The development of Gothic architecture left an indelible mark on Europe's architectural landscape and continues to fascinate and inspire people to this day.

# GOTHIC ARCHITECTURE



Notre-Dame Cathedral, France

## CHARACTERISTIC FEATURES

Written and Translated by Berke ÇELİK

### 1- Rose Windows and Stained Glass

Rose windows and stained glass are commonly used in Gothic architecture. The most striking feature of rose windows is that they are adorned with colored glass and stained glass. Stained glass offers a magnificent play of colors as light passes through the glass. These stained glass windows are often used to depict religious stories, figures, and symbols. Stained glass provides churchgoers with the opportunity to visually understand and worship religious stories. Additionally, stained glass creates a spiritual atmosphere and fills the churchgoers with spirituality.

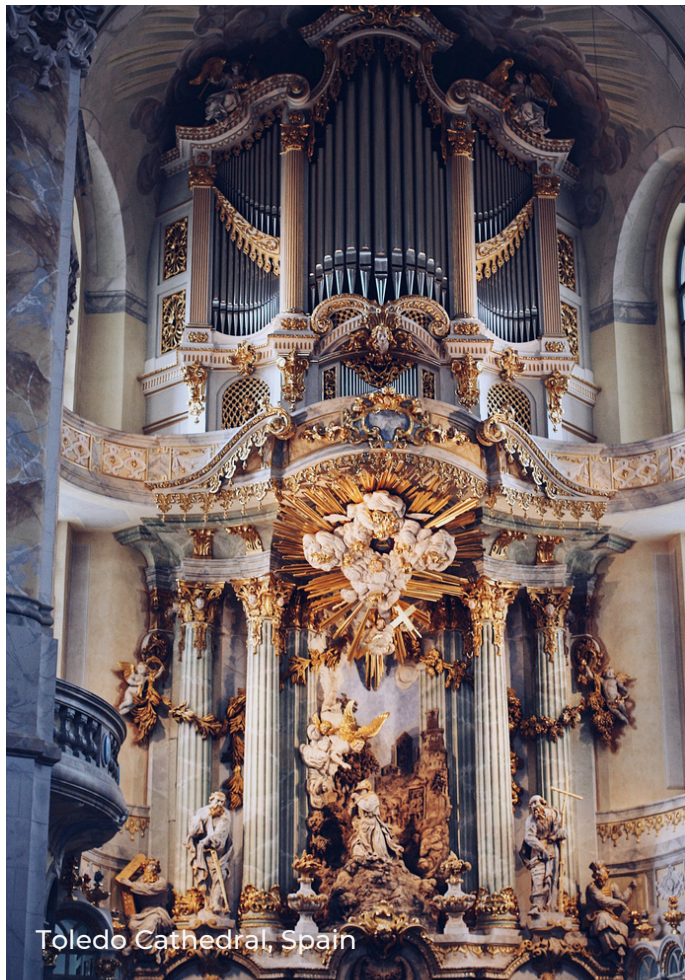
### 2- Hunched Vaults

Hunched vaults are frequently used in Gothic architecture. Vaults are stone arch systems used to cover large openings. In the interior spaces of cathedrals, vaults emphasize height, thus creating a mesmerizing visual effect. One of the finest examples of this is found in the Burgos Cathedral completed in 1567 in Spain. Additionally, these vaults are prominent in Durham Cathedral and Chartres Cathedral.



Burgos Cathedral, Spain

# GOTHIC ARCHITECTURE



Toledo Cathedral, Spain

## CHARACTERISTIC FEATURES

Written and Translated by Berke ÇELİK

### 3- Intricate Decorations

In Gothic architecture, large rose-shaped windows and stained glass are frequently utilized. The most striking feature of rose windows is their decoration with colored glass and stained glass. Stained glass offers a magnificent play of colors as light passes through the glass. These stained glass windows are often used to depict religious stories, figures, and symbols. They provide an opportunity for people attending the church to visually understand and engage in worship with the religious narratives. Additionally, stained glass creates a spiritual atmosphere and fills those who come to the church with spirituality.

### 4- Flying Buttresses

In Gothic architecture, a support system known as flying buttresses is used, which extends outward. Buttresses are used to support high windows and the weight of vaults. Thanks to these systems, the number of columns inside decreases, allowing for wider openings. The finest examples can be found in Cologne Cathedral in Germany and Notre-Dame Cathedral in France.



Notre-Dame Cathedral, France



HORROR



## THE MURDER OF JAMES BULGER

This murder happened on February 12, 1993, in the New Strand shopping mall in Liverpool, England. Denis Bulger let go of her child's hand to pay while she and her two-year-old son, James Bulger, had been shopping. After that, James got lost. Even though Denis searched the shopping mall, she did not find her son. Therefore, the security cameras were controlled. And two unknown people had kidnapped him. Security footage was shared with the public. After erroneous denunciations, on February 14, James' dead body was found on the rails, far four kilometers away from where he had been kidnapped. According to the autopsy report, James was killed by suffering torture. Two-year-old James was kicked, got a punch, trodded on, threw bricks and rocks, and his mouth was filled with batteries. After these tortures, his body had been dropped off on rails, and a train got over. Just as the public was shocked by the kidnapping, it was shocked even more when it learned about these tortures. Kidnapping photos had been shared on every TV channel. On February 18, a woman said that she knew one of the kidnapers, and his name is Robert Thomson. After that, he said that Jon Venables and himself did not go to school that day. While the policeman was taking these ten-year-old kids' testimony, they confessed their crime, crying.

They said they planned the murder, tortured James to death, and then put him on the train tracks to make it look like an accident. Also, Robert asked in one of his statements, "Have you taken the child to the hospital to get back to life?". In this case, the public does not know Robert and Jon's names. The public knows only two ten-year-old children killed a two-year-old child. Of course, they were in shock. The court judged these two children as adults because they had not encountered something like that. After this murder, a new law was passed for juvenile delinquents. They became some of the youngest criminals of the 20th century; even the court had to bring long chairs because the children's height was not enough to reach the table. There are many debates about deciding on the penalties because this kind of event hasn't happened before. They got a punishment called "life imprisonment with a minimum term". They will undergo rehabilitation for 8 years, after which the parole board will interview them; if they have been rehabilitated, they will be released. Additionally, after being found guilty of murder, Judge Jon and Robert reveal their names. Because their names are disclosed, new identities and names are given to both children. At the end of 8 years, both children are conditionally released when they are 18 years old.

---

Ümmühan Ece ÇAYIR  
(Translated by Berke ÇELİK)



## THE DARK LABYRINTHS

Years ago, a mysterious figure existed in Chicago, a fascinating city in America. A man named Holmes was known for having a personality that was both dark and beyond imagination. Primarily known as a successful builder, Holmes was also a black-eyed serial killer. Holmes wrote one of the most complex and horrific crime stories in American history. He displayed great energy and determination to build the so-called "Devil's City" hotel, which, from the outside, was a remarkable building. However, the real purpose of this hotel was to be a labyrinth designed to kill people and dispose of bodies. Holmes' hotel was like a murder machine. Secret passages, traps, and locked rooms were skillfully used to trap victims. All of the rooms, which appeared independent from each other, opened to places where murders and torture took place. The poor victims were helplessly losing their lives in Holmes' cold and cruel hands. But as Holmes' secrets began to come to light, a dark curtain began to unravel. Demon City had become a place where people disappeared and mysterious deaths occurred. The police were determined to track down Holmes and put an end to these terrible events. As Holmes' crimes were revealed, people were horrified to see his true face. This man, who committed murders while building the hotel, shocked everyone.

A large part of America found it difficult to believe the reality of these horrifying events. Holmes was renowned not only for his murders but also for his mind games. He used perfect intelligence to plan his murders and erase the traces. When everybody understood Holmes's crimes, it caused a shock wave in Chicago. H.H. Holmes's story inspired the famous horror series American Horror Story many years later. The series fictionalized Holmes's life and the horrific murders in the Devil's City. In that way, Holmes's dark figure and his murders caused a crater in popular culture. Today, the traces of the Devil's City can still be felt. H.H. Holmes is still mentioned as one of the most cataclysmic figures in America's criminal history. His dark presence continues to stir people's imaginations and curiosity. Holmes's murders in the Devil's City left a mark on people.

H.H. Holmes represents the dark sides of human nature and the complexities of the criminal world. This story, with both its realities and fictional narratives, has turned into a legend that has left deep marks on people's minds. The murders committed by Holmes in the Devil's City have etched themselves in memory as a veil of mystery oscillating between reality and fantasy.

---

**Nisa Yağmur AYBEK**  
(Translated by Defne YAMAN and Ulaş GEGA)





## THE CURSED SCHOOL

Years ago, an incident occurred at a school that still haunts the students to this day. The event unfolded as follows: In a classroom on the top floor of the school, one student began to mistreat his classmates. He was particularly cruel to the weak and timid students. One day, during a fight at school, this student was beaten up by the others. After the fight, the student disappeared and was never seen again. It is believed that he died from blood loss following the fight. After the incident, numerous rumors about the student's disappearance began to circulate. According to some, the student returned to seek revenge and roams the school, scaring the students, while others say he cursed those who beat him. Despite the years that have passed, it is said that some students are still afraid to be alone on the top floor of the school. Some believe that the student's ghost still roams there, waiting to take revenge. These rumors create a tense atmosphere, especially for those who find themselves alone in the dark corridors of the school. Moreover, on some nights, curious students ignore the rumors and enter the school at night, only to be found dead, having fallen from the school's window by morning. All the students at the school know about this, but despite this, a friend of mine did not take the rumors seriously last year

and tried to summon the ghost on the top floor of the school by staying there overnight. I went to support him, but when I reached the top floor, I couldn't find him anywhere. I searched the school all night but found no trace of my friend. I thought he had gotten scared and run away, but the pentagram he had drawn to summon the ghost was still there, along with his valuable belongings like his phone and keys. I never saw my friend again. Later, I went back to the school a few times at night hoping to reach him and searched for him. Once, I went to the school at 4:17 AM and thought I heard his voice. I ran towards the source of the sound, but in the place I reached—the old classroom of the deceased student—I found the hairpin my friend always wore. This could be proof that he was still alive, maybe. So I searched the entire classroom thoroughly. While looking through the student lockers, I found a key in one of them. It looked too valuable to belong to a student and be forgotten. Thinking it might be useful, I took the key. The place was already abandoned. Upon examining the key, it seemed like it could open one of the locked doors in the school. I tried all the locked doors I could think of. Finally, I tried the janitor's room and it opened. The reason the door was locked was that three years ago, one of the cleaners had locked it after her daughter ran away



## THE CURSED SCHOOL

with a boy she didn't approve of, and she committed suicide by hanging herself from the school's wires. But according to rumors, the reason for this cleaning lady's suicide was the principal abusing a woman who was 35 years younger than him. But that doesn't mean anything to me. When I started to look around the room, suddenly what do I see? Michael Jackson standing right in front of me. I'm joking, of course. The room seemed pretty empty at first. But when I started to snoop around, I found the personal belongings of the cleaning lady. From her house keys to her clothes, they were all right in front of me. But the thing that actually intrigued me was a note that was written in a rush. The note said: "My daughter, please don't ever think that I don't love you. The things I've done have nothing to do with you. I'm just ashamed to look at myself in the mirror. Some people are really brutal. They don't think about how their actions affect people." So, I guess the rumors were right. It's so sad that a person gives up on their life just because of someone's thoughtless behavior. But that's not my problem right now. I just want to find my friend. We've been friends for years, and I don't want to continue my life without her. When I was drowning in my thoughts, I noticed someone standing by the door. I screamed out of fear and threw my keys, which I had in my hand, at the door.

When I opened my eyes, which I had shut so tightly because of fear, no one was by the door. I wasn't in the cleaner's room either. I was in the boys' bathroom on the upper floor. I wondered how I ended up here suddenly. When I looked around carefully, I noticed a note on the back of the paper I was holding: "Your effort is pointless. But if you want to learn more, examine your surroundings." I started looking around the moment I read the note. The bathroom smelled awful because it hadn't been cleaned since it was abandoned. When I was looking at the sinks, I tilted my head up and saw someone standing behind me in the mirror. I turned around in fear, but no one was there. But when I looked carefully at the wall, I noticed something written in blood. I was scared to move closer, but I had no choice. It said: "Go to the entry door; you'll find what you're looking for." I dropped everything I had in my hands and started rushing to the school's front door, hoping to find my friend. But when I got to the entry, there was a box wrapped in some gift paper. I was shocked. That's not what I was looking for, I thought. I approached the box nervously and opened it. As soon as I saw what was inside, I started throwing up and crying. Because there was my friend's head inside. When my sobbing stopped, I started examining the box and noticed a note inside my friend's mouth.



## THE CURSED SCHOOL

I grabbed the note lightly and hugged my friend's head. While reading the note, I was stroking my friend's head, saying everything's going to be fine. The note said: "I hope you got the answer you were looking for. The reason for me doing this was your precious friend causing my death. I just got my revenge. I won't ever hurt anyone from now on. I can visit the afterlife peacefully. I wish you success in your life." I started crying again after I read the note. I felt a lot of emotions at the same time. I had to live without my friend from now on. The ghost from the rumors had found peace. All the nights I spent at the school were for nothing. I stood up slowly to get out of the school, but the door wouldn't open. I thought the door must have been locked after me, but when I checked my clock, I was in great shock. The time was 04:17. Not even a minute had passed since I arrived at school. Am I dead or stuck in time? What happens to my family and friends now? While losing myself in all these terrifying thoughts, I was on the top floor without noticing. I slowly got into the classroom of the dead kid. I opened the window and jumped. I realized what I had done seconds before I fell, but it was too late.

[A..... Ş.....]

[R.....Y.... H... S.....] school's student.

Reason of death: Falling from a height.

Death time: 04.17

---

Duru SAYAR

(Translated by Betül Ece ALTUN and Ulaş GEGA)

The Role of the Universes' Shape

Yaren Güler

Theories

# THE END OF THE UNIVERSE

**There are lots of theories and hypotheses about the end of the Earth.  
What about the universe? Have you ever thought about the end of the universe?**

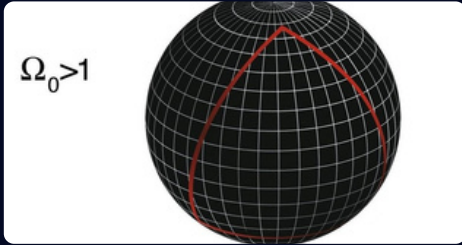
**(Translated by Ceylin BAŞGELEN and Eren KİNIŞ)**

Credit: NASA/JPL-Caltech

# The Role of the Universes' Shape

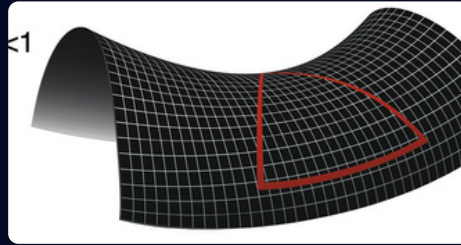
Before coming to the theories about how the universe is going to end, There is a need to mention our universe's shape. The universe's shape undergoes a significant transformation at its end.

Plenty of the cosmologists' ideas that united at one point about the universe's inevitable fate are connected with the shape and intensity of the universe.



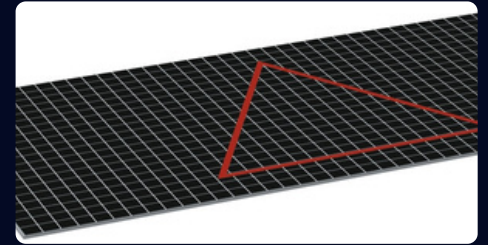
## Closed Universe

If the omega is bigger than one, the geometric shape of the space is closed, like a sphere's surface. The universe's shape is elliptical in the majority of frames. Dark energy is intermittent, and in the end, gravity stops the universe's expansion. After that point, with the effect of gravity power, all the matter collapses into one point, and at the end, the "big crunch" happens. It is the opposite of the "Big Bang." But if the universe owns a large amount of dark energy, even if the universe's expansion is less than omega 1, it goes forever.



## Opened Universe

If omega is less than one, the universe's geometry is opened like the surface of a saddle. The shape of a universe like this is hyperbolic. Even if there is any dark energy, a negatively twisted universe could expand forever, and mass gravitation can stop this effect in an almost unremarkable way. With the dark energy, not only does the universe's expansion go on, it also accelerates. For the Opened Universe model, the universe's eventual fate could be temperature death, also known as "The Big Freeze".



## Flat Universe

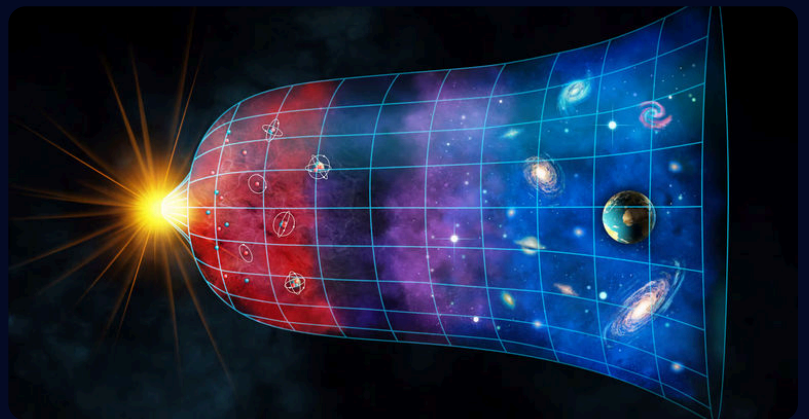
If it is equal to Omega 1, the age density of the universe's geometry is flat, like it is in Euclidian geometry. With the lack of dark energy, the universe gets bigger, losing acceleration to the asymptotic explosion until it approaches 0; it gets bigger forward. Dark energy with the expansion of the universe is slow at first because of gravity, but it gets faster lately. The flat universe shares the same fate as the open universe.

These were the concepts for the shape of the universe. We did understand how the shape of the universe can change the fate of the universe. So let's look at the theories about the universe's end.

# T H E O R I E S

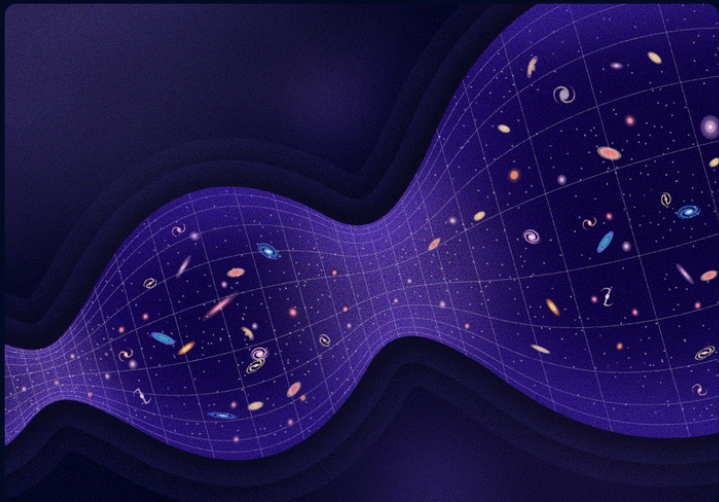
## The Big Freeze

A big freeze is a scenario that would occur in a universe whose temperature asymptotically approaches absolute zero. It is a scenario that would occur in a flat or hyperbolic universe due to the absence of dark energy. In this scenario, the amount of gas needed for star formation would eventually run out. And as the existing stars run out of fuel and lose their luminosity, the universe will slowly and relentlessly descend into darkness. Eventually, black holes will dominate the universe until they consume themselves by absorbing Hawking Radiation. The heat death scenario is the future of a universe in which maximum entropy eventually dissipates, leaving no raw materials for life and the motion of the universe. The heat death scenario is valid in all models of the universe, provided that the final entropy of the universe is reduced to a mini-mum.



## The Big Collapse

The Big Collapse hypothesis can be seen as symmetrical with the ultimate fate of the universe. Just as the Big Bang was caused by a cosmological explosion, this theory says that the average density of the universe will be enough to stop the expansion and cause a contraction. This scenario allows for a Big Bang after the Big Crunch of the previous universe. If these events are in a constant state of motion, they form a model known as a cyclical universe, also known as an oscillating universe. The universe could then be composed of all finite universes, which would be infinitely many. The Big Crunch in each universe would be the Big Bang of the next universe.

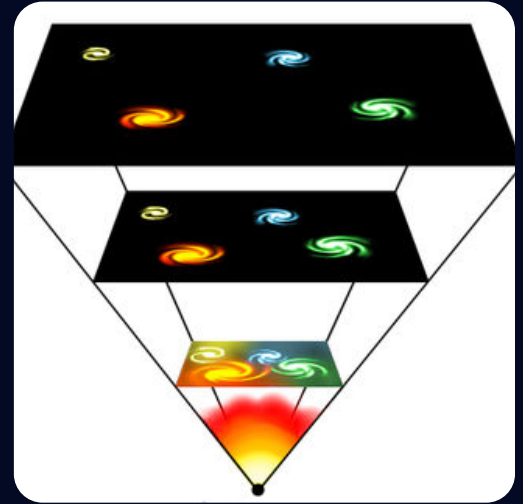


## Multiverse

When you think of a multiverse, you might think of parallel universes. But no, this is a multiverse within a single space-time. In the early universe, there was a series of cosmological explosions that rapidly expanded space. The infinite expansion model says that different parts of the universe went from expanding to stationary at different times. As a result, regions of space that gravity has not yet reached are still expanding. These regions of space can never come into contact with each other. Therefore, each one can be considered a separate universe. Even though there are universes in some places that have already experienced heat death, some places will still not have reached heat death, and new universes will continue to be produced rapidly. This is why the multiverse will never end.

## Cosmic Uncertainty

All the possibilities described so far are based on a very simple equation for dark energy. But when it comes to explanation, current physics knows very little about dark energy. If the expansion theory is correct, the universe will be ruled by dark energy in a form different from that of the early Big Bang, but when the expansion stops, the situation will be much more complex than today's equations for dark energy predict. The dark energy equation can change at any time, and it can be very difficult to predict what the results will be. These results may not be expressed in terms of different parameters. Dark matter and dark energy are enigmatic in nature, and their possible role in the future of the universe is currently unknown.



## The Big Leap

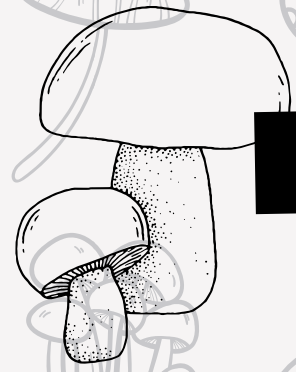
It is a different interpretation of the cyclical universe, or the cyclical occurrence of the Big Bang, in which the first cosmological event is the collapse of the previous universe. According to another version of the Big Bang, density was infinite at the beginning of the universe. Such a definition may seem to be at odds with everything else in science, especially quantum mechanics and the uncertainty principle. This is not surprising, which is why quantum mechanics has provided an alternative way of looking at the Big Bang. At the same time, if the universe is closed, once it collapses, it will continually give rise to new universes, either by reaching a universal singularity or by collapsing with a repulsive quantum force, in an event similar to the Big Bang.



# Mushrooms

İrem ENGÜN

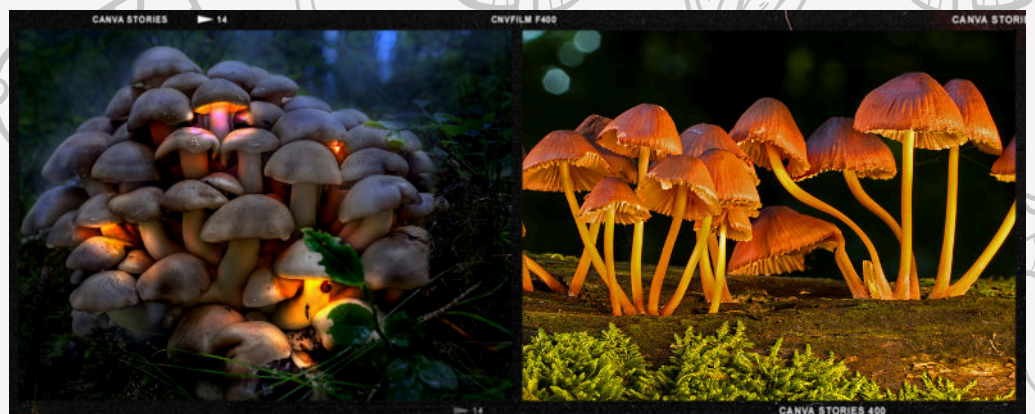
(Translated by Defne ZOROĞLU)



Mushrooms may be known simply as a food source or for some of their species being toxic, but mushrooms have many characteristics. In this article, let's take a closer look at the mushroom kingdom. Mushrooms, including macro fungi as well as microorganisms like yeast and mold, are members of the eukaryotic organism group.

Mushrooms are classified within the fungi kingdom. They are a eukaryotic kingdom that can be multicellular or single-celled. They do not carry chlorophyll; they are heterotrophs. Most are parasites or saprophytes. Despite there being thousands of mushroom species, around 100 are pathogens in humans. Additionally, mushrooms belong to the decomposer group.

Decomposers are generally organisms that break down dead organic matter of plant or animal origin. In fact, if mushrooms did not exist, the decomposition of plants and animals would be difficult to facilitate, perhaps not occurring at all, directly affecting soil fertility. Looking at some of the roles of mushrooms in our daily lives, they are involved in the fermentation of dough, the production of alcoholic beverages such as beer and wine, and some mushroom species also cause mold. Another characteristic of mushrooms is that they cannot perform photosynthesis, meaning they cannot produce their own food. They must obtain their nutrients ready-made from outside. Although these may seem like minor factors, they have significant effects on our lives.



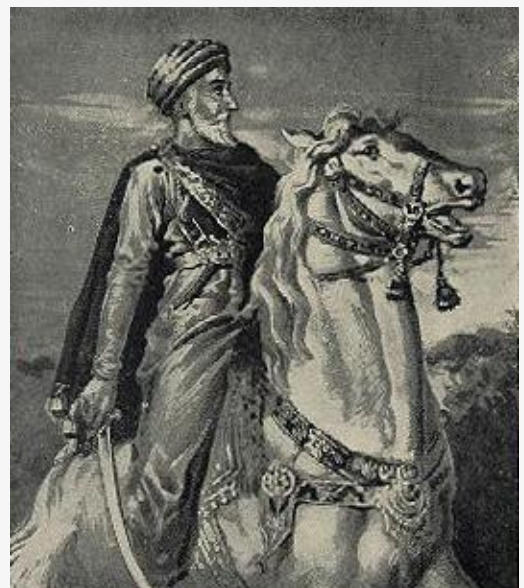
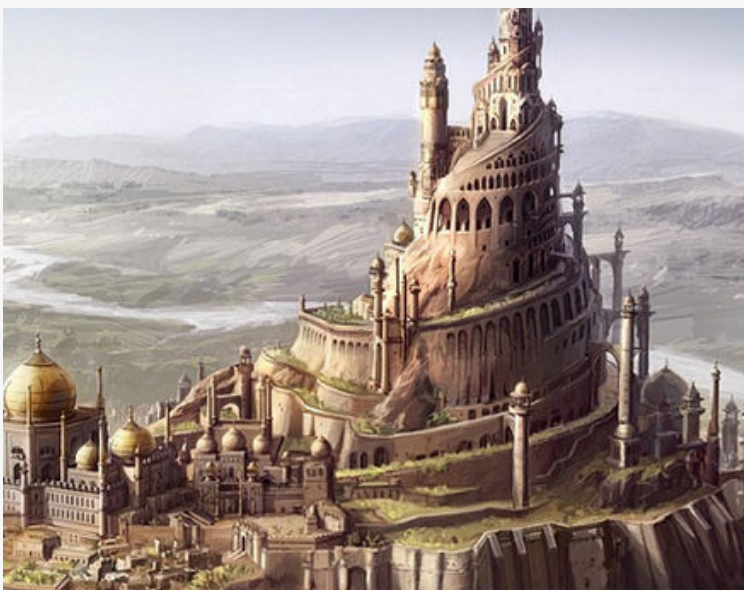
# HASAN SABBAAH AND HIS BOUNCERS

**Burak Utku BAĞÇACI**

(Translated by Mehmet Doruk ÖZBAY)

The Great Seljuk State was experiencing its most powerful period with Melikşah. During this period, the "Assassins", led by Hasan Sabbah, who wanted to put an end to the state's dominance in Iran, appeared on the stage of history. Hassan Sabbah was born in the city of Qom, Iran, around 1050, and moved to the city of Rey at the age of 17. Here, he began to receive his first education. After years of this education, he managed to enter the Great Seljuk Palace, next to the ruler Malik Shah and the vizier Nizam ul-Mulk. Hasan Sabbah, who served the ruler and the vizier, was eventually seen as a danger by the vizier Nizam ul-Mulk and managed to discredit the ruler. Eventually, Hasan Sabbah was banished from the palace. He could not digest this and swore revenge. Hassan Sabbah, who followed the Ismaili faith, traveled around Iran for years, telling people about the Ismaili faith, and in time, people began to see him as a leader. Swearing revenge, Hassan Sabbah gathered enough followers and captured Alamut Castle in Qazvin, Iran, in 1090. Now began the era of the Assassins, which would last for 166 years in Alamut Castle.

The Assassins were the most horrible sect history had ever seen. Things that are commonplace in life today were forbidden in this sect and had very severe penalties. Three of these prohibitions were marriage, music, and having children. Hassan Sabbah succeeded in making his followers completely devoted to the sect with these severe punishments. In addition to the Ismaili faith of Hassan Sabbah, the members of the sect were also taught foreign languages, geography, literature, and philosophy. But the most important training was how to become a fearless Assassin. The Assassins were brainwashed. Throughout the training, they were promised paradise, the rank of martyrdom, and the houris. Thinking that they would go to heaven as martyrs, the Assassins committed their murders fearlessly and were not afraid of being caught and tortured. As a result of these assassinations, many Seljuk statesmen were stabbed to death. They were stabbed to death because this was the signature of the Assassins. One of the victims of these assassinations was Nizam ul-Mulk, the vizier of the time. In 1124, after the death of Hasan Sabbah, members began to question the strict rules and prohibitions. As a result, the loyalty of the members gradually decreased, and the sect began to lose power. After the Mongol ruler Genghis Khan's grandson Hülagü Khan conquered Alamut Castle, the Assassins disappeared into the dusty pages of history.







## **THE LIGHT THAT ILLUMINATES HUMAN EXISTENCE**

**L** **O**  
**V** **E**

In my opinion, love is a feeling that has existed since the dawn of humanity. Despite our attempts to categorize it, love always continues to exist within many other emotions. Love, a subject of philosophy for centuries, has been a sentiment that many philosophers have discussed. For example, according to Aristotle, love is the fundamental carrier of our relationships and social bonds. I believe this to be true because love is the most basic reason for our ability to empathize. Without love, we would make decisions without considering anyone else's thoughts, but when love is involved, we can't help but think of our loved ones. This also shows us that, without love, humanity cannot live beautifully. Not only socially, but also individually, the absence of love affects us negatively. For a person who cannot love themselves, feelings of unhappiness and discontentment increase. As Osho said, "Self-love is the beginning of all other loves." In conclusion, I believe that love is the most important and difficult emotion for humanity to lose.

**Tuba ÖZBİNA**  
**(Translated by**  
**İrem Engün)**

# POWER

**Ceylinaz TARKAN**

**(Translated by Ceylin BAŞGELEN)**

"Am I strong?" is a question that can only be answered by oneself, because if there is one person in the world who knows all one's experiences, who witnesses the smallest smile and the smallest tear, it is oneself.

Some people have confronted themselves about it, measured the weight of their experiences on their own scales, and realized that they are strong. Others are so cruel to themselves in this regard. They have been through so much, and they are standing, but they measure their strength with a single tear. They take their scales and put their upright stance in the face of what they have been through on one side and a single tear on the other. For some reason, that tear weighs more in the eyes of the person, and they declare themselves weak.

However, in my opinion, tears are not a sign of weakness. Just as one needs to rest one's body when one is physically tired, one needs to rest one's soul when one is mentally tired. And crying, in my opinion, is the best way to rest the soul. Can you accuse a person who runs for kilometers of miles of running of being weak because they rested at the end of the run? Tears are like the embodiment of sadness, and they flow outward when we cry. Their effort is to separate sadness and despair from the soul. If you look at it, it may seem like they have failed because they have not been able to solve the cause of that despair, but it strengthens you to solve that cause. So those drops of saltwater that make you think you are weak actually make you stronger.

If you ask me, the biggest criterion to evaluate when trying to determine one's own strength should be one's conscience. Every person who can continue living without silencing their conscience is strong because conscience is a heavy thing. It has its own court, its own torment. There are some parts where every human being is cruel to themselves, and the court of conscience does not pity anyone who carries it. But conscience is as fair as it is cruel. It does not execute extrajudicially. It gives as much importance to causes as to consequences.



# Salvador Domingo Felipe Jacinto Dali Domenech

He was born on May 11, 1904, in Spain. His actions and his words attracted attention as his art. He always thought that he was his big brother reincarnated body. For his brother, he said, "Maybe he was my first version, designed to be too absolute."

## A Strange Salvador:

"When he was 5, he found an injured bat and put it in a tin. The next morning, he saw the same bat, which was about to die, the ants spread all over its body. He throws the bat. With ants into his mouth and divides the bat into two pieces."

In another autobiography, he says, "When I was 6, the days when you could see Halley, one of my dad's office clerks showed up at the guestroom's door, and he informed us that We can see Halley from the terrace. While I was passing the corridor to the terrace, I saw my sister, who was 3 at the time, was crawling out of the doorway. I stopped for a moment. Because of my hesitation, I kicked her head like I was kicking the ball. I continued running because of my wild actions' crazy happiness but my dad was coming after me. and he caught me and took me to his office. As a punishment, I stayed there until dinner."

Dali turned these sudden ideas and perversions into paintings. Later, he said that he got rid of these paintings.

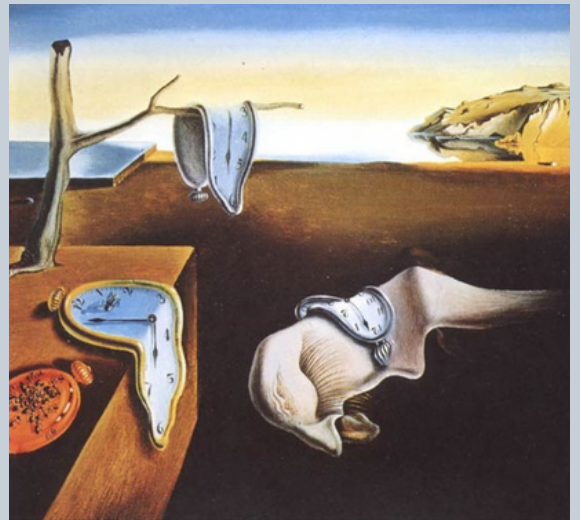
## The Art Community

After Spain's civil war, he announced that he was supporting a fascist regime; the other surrealist artists cut their ties with him. Surrealists' leader Breton realized a sarcastic anagram: Avida Dollars (Dollar enthusiast).

Dali wasn't late for his response, "Le surréalisme c'est moi! (The surrealism is mine!). This contention continued until Dali died.

Eylül AVCI

(Translated by Bengü BAVBEK)



DERİN  
USLU

WHAT IS ANATOLIAN  
ROCK?

MUSIC CORNER



UNFORGETTABLE  
NAMES

*Anatolian*  
**ROCK**

KARACA, MANÇO  
ADAM AND MORE...



# ANATOLIAN !ROCK!

## WHAT IS ANATOLIAN ROCK?

**Derin USLU**

**(Translated by Defne Yaman and Berke Çelik)**



Anatolian rock, otherwise known as Turkish psychedelic rock, is a music genre that is a combination of Turkish folk music and rock music. It emerged in the 1960s with the influence of musicians such as Elvis Presley and Bill Haley, as well as many rock bands, becoming popular in Türkiye in the late 1950s. The mixture of Turkish folk music with Western elements occurred for the first time with the song *Burçak Tarlası*, sung by Tülay German. *Bir Eylül Akşamı*, released by Erkin Koray in 1963, is considered the first Turkish rock'n'roll song and the song that started the Anatolian rock genre.

### **How Did Anatolian Rock Emerge? Background (1930s-1960s)**

The foundations of Anatolian Rock genre were actually laid when the Republic of Turkey was first established. As Gazi Mustafa Kemal Atatürk began to support the development of art throughout the country, Turkish folk music, in which Turkish melodies were adapted to Western harmonic music, started to spread. Over time, people began to listen to Turkish folk music instead of Turkish classical music that was popular in the Ottoman period.

In the 1960s, thanks to bands like the Beatles, Led Zeppelin, and The Rolling Stones, the rock'n'roll genre began to spread, especially in Istanbul, and encouraged young people such as Barış Manço and Erkin Koray, who would later achieve great success, to form their own bands and cover rock 'n' roll songs.

### **The Golden Eras of Anatolian Rock (1960s-1980s)**

The popularity of rock music in Türkiye began to rise in the mid-60s with the release of Erkin Koray's "Bir Eylül Akşamı" in 1963, considered the first Turkish Rock'n Roll song, marking the beginning of the Turkish Psychedelic Rock era. During this period, the band Moğollar started to transform the understanding of Turkish rock by incorporating elements of Anatolian folk music along with Western music elements into their songs.

During this time, Turkish artists also participated in various music festivals in Europe. One such instance was Tülay German's performance of the song "Burçak Tarlası" in the Bossa Nova style at the Balkan Music Festival in 1964. The song was highly praised and drew significant attention across Europe, prompting Hürriyet newspaper to support the development of this much-loved genre and discover new talents by organizing the "Golden Microphone" competition. The finalists of this competition were rewarded with the opportunity to record a 45 RPM record and go on a nationwide tour to accelerate their growth. As a result, this genre found the opportunity to spread beyond the major cities.

**Sami  
DEMİR**

# A Feeling Like Love

**Have you ever fallen in love?  
Flowers bloom in your life  
That's when your heart beats  
All poems written for love**

**Have you ever fallen in love?  
It's like no other day  
That love never happens  
Like the first day**

**Like love on the first day  
Like the arrival of the spring  
Like the excitement of the first day  
Like flowers blooming**

**Have you ever fallen in love?  
Like a ship leaving the harbor  
Have you ever fallen in love?  
Like that first day feeling**

**In the blooming flower of spring  
In the ripening fruit of summer  
In the falling leaf of autumn  
In the snowfall of winter**

**It's like the renewal of nature  
A person renewed when she falls in love  
It changes like everything else, like the world  
When a person falls in love**



**Sami  
DEMİR**

# The Nature of Love

**Can you reborn again and again**

**But she does**

**In her blooming flowers , greening leaves and grass**

**Can you hug again again the one who betrays you**

**But she does**

**With it's shinning sun and cooling waters**

**With it's ripening fruit**

**Can you still feel strong again again, after many storms**

**But she does**

**With the leaves falling but still standing**

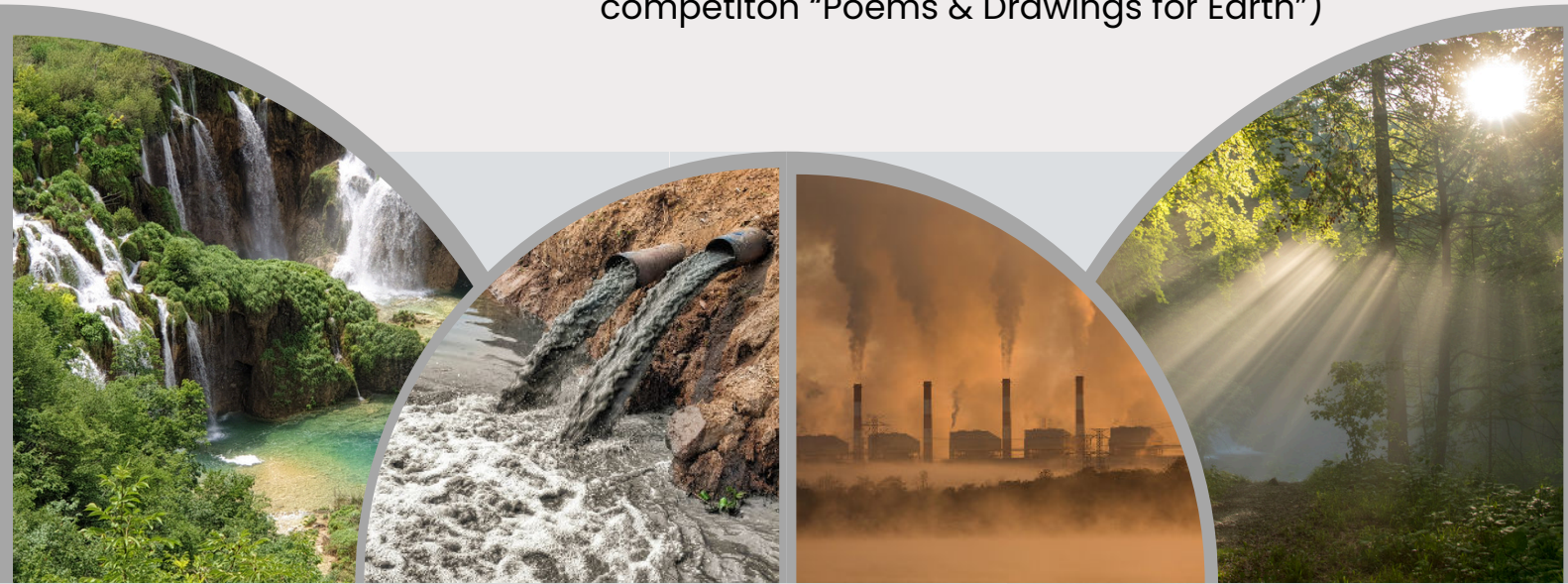
**With the Wind blowing but not damaging**

**Can you rest forever**

**She never does**

**She rests for a better future**

(This poem was submitted to the e-Twinning  
competiton "Poems & Drawings for Earth")



**Nurhan  
KIVANÇ**

# A Drop of Tears



**How much one can fit in a drop of tears. Many emotions such as happiness, sadness, passion, longing, vuslat are hidden in this tear.**

**This tear has seen many wars. It has witnessed hopeful waits, bitter cries, joyful embraces and dozens of cries of victory.**

**Sometimes it falls from the eyes of a mother who has buried her child, sometimes from the eyes of a mother who has just held her child in her arms. What great loves this tear has seen, loves that were said to never end. It is also there at their end. It is also there at the reunion of two lovers who seemed impossible to meet.**

**Sometimes tears wet a letter to a distant lover, sometimes a suicide note. That one tear does not leave you alone even on nights so dark that you lose the belief that the morning sun will rise again.**

**(Translated by Gizem YILMAZ)**







# KARATE

Karate, the abbreviated term commonly used for the unarmed martial art Karate-do (空手道: からてどう), is composed of the Japanese words 'kara' (空:から) meaning empty, 'te' (手:て) meaning hand, and 'do' (道) meaning way or path, collectively signifying the way/ path of the empty hand. Karate is a discipline built upon the principle of training oneself physically and mentally, leading individuals away from violence and fostering peaceful sentiments.

*Their attire is called karate-gi, and practitioners are called karate-ka. Karate training generally consists of three components: Kihon, Kata, and Kumite. Kihon focuses on studying basic techniques in karate piece by piece. Kata involves performing predetermined sequences of movements in a specific order to pass down karate from generation to generation. Kumite is a fighting competition held during training sessions. Karate grading is determined by belts. These belts start with white and progress towards brown and black as practitioners gain experience. Colored belts represent the student (Kyu) level, while black belts represent the master (Dan) level.*



# KUMITE

*Kumite (組手:くみて) refers to the mutual free-fighting format within the rules. Kumite means "meeting of hands" and is practiced for both sport and self-defense training purposes.*

(Translated by İbrahim KOÇ,  
Yusuf Halil GÜLYENLİ, Emin BABUR)

# KATA

*Kata (型:かた) means form or pattern. It is a series of actions consisting of consecutive attacks and defense techniques. These stances and movements form the basics of fighting applications in karate. The series of movements transformed into kata is represented as Bunkai. Bunkai explains how each stance and movement should be, serving as a suitable framework for understanding the content of the kata. To obtain an official belt in a karate school, one must be able to properly repeat the kata figures corresponding to that belt. Generally, Japanese belt and degree terms are used in kata figures. Requirements to pass exams may vary depending on the schools.*

# KIHON

*Kihon means basic techniques, forming the basis of stances, punches, kicks, and blocks, and everything else. Many karate styles place great emphasis on kihon. It is typically performed by groups of karateka, combining techniques. Kihon can be practiced in small groups or pairs.*

(Translated by İbrahim KOÇ,  
Yusuf Halil GÜLYENLİ, Emin BABUR)

# Maladaptive Daydreaming

Inadequate (maladaptive) fantasizing, also referred to as excessive fantasizing, is when a person engages in too much fantasizing that interferes with daily life. Not recognized by any significant medical or psychological criteria, maladaptive fantasizing is a suggested diagnosis associated with excessive fantasy and dissociative absorption disorder. Maladaptive fantasizing can replace human interaction and hinder the normal functioning of social or work life. It is not widely recognized as a diagnosis and is not found in any major diagnostic guides of psychiatry or medicine. Experts do not know what causes maladaptive fantasizing. Possible explanations include past trauma, daily difficulties such as difficulty coping, and having another condition like ADHD. Of those who engage in maladaptive fantasizing, 12% fantasize for 1-2 hours, 15% for 2-3 hours, 29% for 3-5 hours, and 33% for 5-7 hours, while 11% fantasize for 7 hours or more. Three-quarters of those with maladaptive fantasizing are women, while one-quarter are men. Usually, dreams in people with this disorder occur under the influence of 'triggers', which can be expressions from a conversation, things seen, loud noises or physical sensations that remind them of negative events that have happened. People with obsessive daydreams often find it difficult to carry out their daily activities or even sleep, instead feeling the urge to keep dreaming. Often, during dreams, people with this disorder whisper, speak, or simply move their lips, thus pronouncing the characters' speech and expressions in fantasies, depicting emotions, performing repetitive actions. Fantasies are very well thought out down to the smallest detail, often comparable to a full-fledged novel or movie. Many people with obsessive daydreams may have more than one fantasy in their head, each with its own plot, characters, setting, etc. A person with this disorder may have an emotional attachment to their characters, even if they know they are not real. There are those who argue that maladaptive daydreaming is not a form of psychosis since maladaptive dreamers may say that their fantasies are not real, while those with psychotic disorders may say that their hallucinations or delusions are not real.

Yaren GÜLER  
(Translated by  
İrem ENGÜN)



MEDICAL CORNER

# Pathology

Pathology is a word that means the science of disease. Pathology deals with the recognition, investigation, and study of structural and functional changes in cells, tissues, and organs related to disease. Pathology acts as a bridge between clinics and paraclinics. Pathology examines diseases in four ways:

**1. Cause of Disease (Etiology):** Finding the cause of diseases. In today's medical practice, it is accepted that diseases are caused by two main points:

- a) Hereditary (intrinsic; genetic causes)
  - b) Acquired factors (live factors, nutritional disorders, chemicals, physical factors, etc.)
- Identifying the cause of a disease significantly facilitates its diagnosis and treatment. Pathology uses a variety of techniques to determine the cause of diseases. Cases where Techniques that are inadequate and whose cause cannot be found are labeled 'idiopathic' or 'primary'.

**2. Mechanism of Disease (Pathogenesis):** Disease progression begins with the response of cells and tissues to the initial effect of the etiological factor, continuing until the manifestation of disease symptoms. Components affected in cells and tissues include:

- Morphology of organs (macroscopy, microscopy)
- Functions of organs
- Biochemical and molecular organization of cells

**3. Structural Changes Occurring in Cells or Organs (Morphological Changes):** There are two main benefits to studying structural changes in cells and tissues:

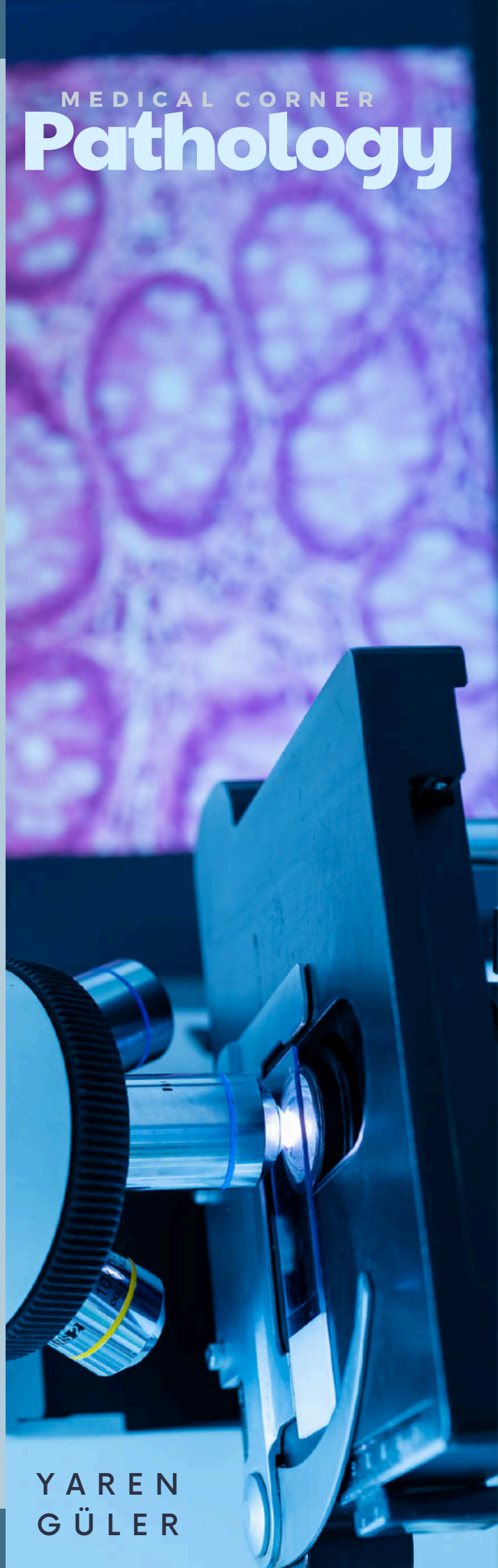
- The etiology of the disease can be determined
- The character of the disease becomes apparent.

**4. Functional Disorders Caused by Structural Changes (Clinical symptoms):** Alongside the appearance of morphological changes, the functions of organs are disturbed, leading to clinical symptoms. Recognition of disease symptoms (clinical picture) includes:

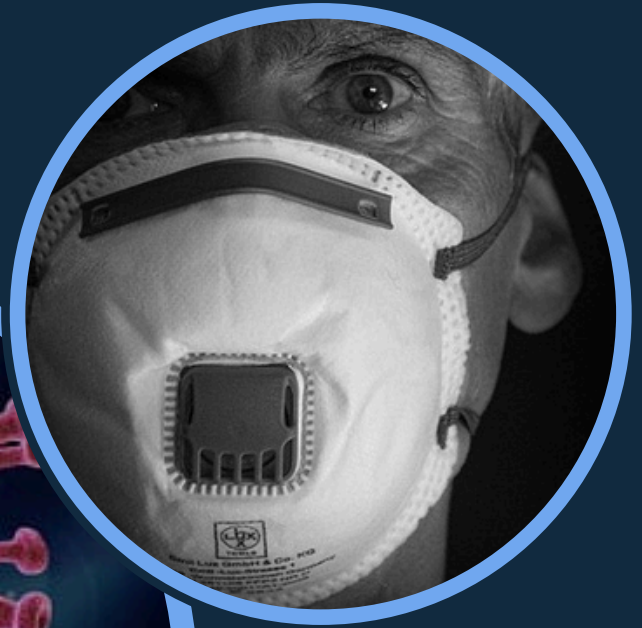
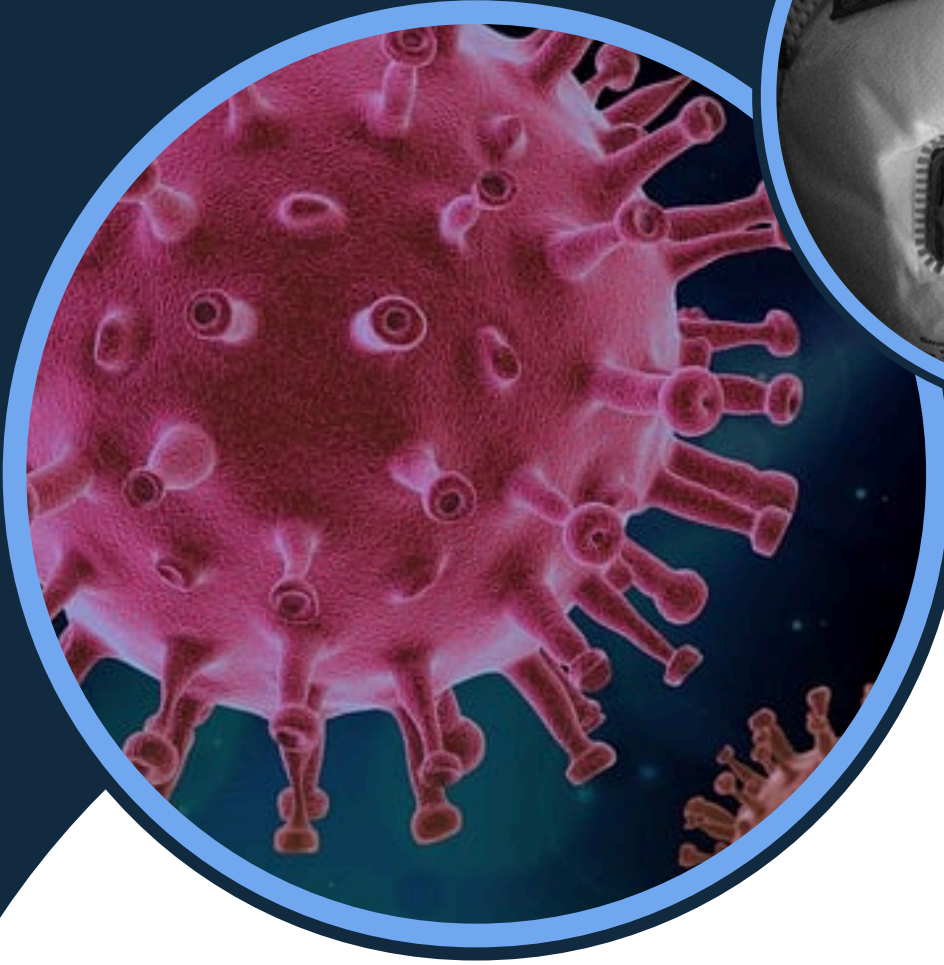
- Signs and symptoms of the disease
- Progression of the disease
- Prognosis of the disease

(Translated by  
İrem ENGÜN)

YAREN  
GÜLER



## COULD VIRUSES BE CONSIDERED ALIVE?



# VIRUSES

## WHAT IS A VIRUS?

Viruses are essentially intracellular parasites. Although controversial, they are commonly defined as 'non-living entities; however, on the threshold of life.' They do not replicate by dividing but rather utilize host cells and enzymes for reproduction. An adult virus capable of spreading by infecting living cells is called a virion. However, due to lacking certain key features necessary for being considered alive (e.g., cellular structure), viruses have been termed 'organisms on the edge of life' and 'replicators.' The origin of viruses remains unexplained in the evolutionary history of life. Indeed, there are various types of viruses, akin to detectives and satellites, yet this might not pique everyone's interest. Therefore, in this magazine, I will focus on discussing characteristics that I believe will garner more attention.

Viruses are not considered alive. They lack cell structures and cannot convert nutrients into energy. They do not contain cellular organelles and are unaffected by antibiotics. However, viruses cannot be entirely considered lifeless either. They possess genetic material (DNA) and can undergo mutations. In a peculiar fact about viruses, they cannot replicate by dividing. To replicate, they require a host cell and enzymes. Additionally, viruses cannot perform respiration and do not possess the ribosome organelle, which is a common feature of living organisms. According to some research, half of all human DNA actually originates from viruses, stemming from viral infections in our ancestors' egg and sperm cells.

# The Relationship between Technology, Sociology, and Psychology

Firangiz KHIDIROVA

Human beings are social creatures; they communicate with those around them and learn things. We have heard these two sentences many times. But are they true? In my opinion, no.

Now, it is incorrect to construct the second sentence because we have taken sociability to a different dimension; we have moved it to social media. Now, we can communicate not only with those around us but also with people from different cities and even countries. Many individuals labeled as "antisocial" in our schools, neighborhoods, or surroundings could actually be more social than most of us. Sociability is a concept about which we cannot determine clear judgments about its effects. Being social means communicating. Although it may seem like a good thing, its effects on our psychology vary from person to person. Peer bullying, the perception of "perfection" on social media... We compare ourselves to others, and others also compare us to someone else. The perfection of everyone on social media increases expectations. Those who cannot meet expectations, in other words, those who cannot pass through a kind of filter, face bad consequences and find themselves withdrawing and closing in. Wherever and whatever environment we experience sociability in, we will always be exposed to some filters. Labels will stick to those who cannot pass through the filter, and they will be exposed to bullying and exclusion. Humans evaluate other humans and every other living being, object, or situation. Some factors that separate us include our appearance, economic situation, perspective, and geographical location. So social media may not be as harmful as we think. It's people who cause harm. Blaming social media is as illogical as blaming the murder weapon in a crime. That's why predicting the psychological effects of future technologies that will enter our lives isn't difficult: it's toward people. Human beings are social creatures in every environment. Social media is just a tool. Of course, actions like helping, learning, and teaching are still actions of people. Everyone still portrays their own character behind tools like social media and the Metaverse, even if they're just behind the scenes.

That's why it's no surprise that the psychological and social effects of the Metaverse - I always evaluate these two concepts under the same basic category - are not surprising. It's just a matter of curiosity about the identifications we'll be exposed to in that universe.

Of course, there is also what we personally apply to our own psychology. The harms or benefits we do to ourselves, whether we realize it or not, such as technology addiction, inactivity, etc., affect our psychology. The thing to say about Generation Z is that the Metaverse will not affect us psychologically. The good or bad behaviors we will see will come from people. But I can't say the same for the alpha generation and the next generations. Children born directly into a two-universe world may find it difficult to explore reality, or more precisely the technological universe that we take to be reality. While I don't think that the Metaverse will affect Generation Z -psychologically- any differently than social media, I can't say the same for the generations after us who will become a mix of the real world and the Metaverse universe. They will definitely perceive the world differently than we do. Generations with differentiated responsibilities, moral values and priorities will not fit into our perception of normality, but it is not yet right to categorize this as good or bad. The psychology of future generations depends on how much they care about other people. In short, I think that the psychological effects of each new technology that allows us to communicate (socialize) with other people will be almost the same. What we fear is not the Metaverse, but people using it in a bad way.

What we fear is not social media, but the bullying we will be exposed to. It would be good for our social psychology to change ourselves instead of blaming the technology.

(Translated by Bengü BAVBEK and Gizem YILMAZ)

# SHORT STORY

YAREN GÜLER

"Afraid?" she tilted her head as she talked. "Yes. I am afraid of many things." she pointed her finger at it. "Especially, you." she hates to look at it. It disgusts her. "You make me wanna scream at the top of my lungs.". She can't stand it. Her tears started to fall. It is saying things without saying anything. She sat down. It also did. She took a glance at the thing that was in front of her. It was just a glance, now it is a stare. 'Cause it is also crying and staring at her. She realized that she hurt its feelings. How could she be so cruel? How selfless is she? The view starts to get blurry as she is now crying. She knows that she can't stand it if she stays there with it. As she leaves the place it disappears from the mirror.



# THE TAVERN OF AGOP

Many years ago, there lived a girl in the village called Hosa in Thrace, who gave her name to that village. Her golden hair in curls, her eyes rarer and brighter than emeralds, her cheeks as rosy as apples, her smile as warm as the sun, her hands calloused from work, a small birthmark on her leg, a mole on her lip. The little mole on her was known all over the world. From England to China, she was in everyone's heart. There were queues of young, old, high-ranking, low-ranking, rich, and poor men in front of her house. But her heart didn't want any of them. Her heart beat for one person for as long as she could remember. She and her father sometimes met each other. This person was the owner of the tavern they went to. She couldn't get enough of watching Agop, who was a few years older than her, watering the yellow roses. When they met, her cheeks turned red and she couldn't stop smiling. The days came and went. Realizing this situation, Agop was very surprised but could not remain indifferent towards Hosa. Although not very quickly, the couple's hands came together and soon their love became evident. Rumors spread from ear to ear. A curtain was drawn over Agop's eyes. The rose's thorn passed beyond its flower and stuck into Agop's heart. He cried out to Hosa;



"Could you hear the silent screams echoing in the infinity of day and night? Would you quietly listen to the flow of tears, turning into torrents in the basins? Would you understand me? Ah, those words gently flowing from your warm heart to your lips, from your lips to my heart. Wouldn't you understand how much it burned my soul? Winds would pass through your hair, flowers beside your heart, but wouldn't you understand how much it burned my soul? Do you remember how I used to touch your fingers with my warm lips in the palms of my hands? Just like my lips, my warm heart is burning, burning, and scorching my whole body. It's burning every limb of mine. Ah, my beloved, don't hesitate, tear out this faint heart of mine. Tear it out so it won't burn anymore."

Hosa denied it. She denied it, but couldn't lift the veil from Agop's eyes. Agop didn't tear out his heart. That's why Agop tore out the heart of the beauty Hosa, and then his own, but Hosa didn't die. Instead, Hosa settled her soul into the thorns of roses, into the dark bushes. A gloom descended upon the village. Lovers didn't live long. Women died young. The yellow roses never grew again. Hosa's soul became cursed. Days came and went, and a palace was built next to the woods. The beautiful Hafize Sultan came to that palace. Various colored roses grew in her garden, except for the yellow rose. Hosa began to be called Hafsa, and then Havsa. One day, the yellow rose bloomed in this vast garden. A dagger pierced Hosa's nonexistent heart. With her unheard screams, she called for all the insects. Among them, she chose the praying mantis and told it to destroy the rose, to kill Hafize Sultan. The mantis tried to harm the rose, but as soon as it did, fire engulfed its heart. It decided to protect the rose. Nights turned into days. Days turned into nights. The rose also fell in love with this green insect. But one night, Hosa's patience ran out, and she wanted to destroy it with her own hands. That night, the praying mantis tried to protect the rose in the light of the full moon that looked like water. It wanted to protect it at all costs. Its heart was pierced by the thorn of the rose, and it cried and suffered until dawn, giving up its life. The rose died in tears. Hosa realized what she had done later. This time, her screams echoed through the sky

"Oh beloved, don't hesitate; tear out this sorrowful heart of mine. Tear it out so it won't burn anymore! Oh, God, save me from this agony, like Agop."

"However, no one heard his prayer. According to a legend, his soul still wanders in agony among the yellow roses in Havsa."



**Minel BAŞARIR**

(Translated by İbrahim KOÇ, Yusuf Halil GÜLYENLİ, Emin BABUR)





# THE MAGICAL BUTTON

Firangız KHIDIROVA  
(Translated by Eren KİNiŞ)

"First, she looked around; then, at her shaking hands. Sounds from the crowd and the thoughts in her mind mixed together, causing her to miss the points she needed to focus on. Her breathing had never been that noisy. After staying focused on one point for a long time, she turned back and gave the final command with the last breath she had. Initially, the sounds of the crowd decreased with the announcement, and then slowly faded out. Everyone became silent and listened to the instructions. The announcement referred to it as the 'Magical Button,' and the crowd listened with heightened curiosity at these words. She looked at the red button beneath her hands.

"We will push this, and our world will be saved," she whispered to herself. Everyone hoped for this outcome. In reality, the world wasn't disappearing; it was the water scarcity issue that needed to be resolved. Her shaking hands started to sweat. She was nervous but confident. She straightened her tie as the countdown began. With each number counted down, she regained her strength and quickly pushed the button. With this project, which aimed to reverse the scarcity of water, the entire world was submerged, and the human race came to an end."

How would you react if I told you that the preceding events happened millions of years ago? You would be surprised to learn that humans living millions of years before us undertook a project of such magnitude that it could destroy the Earth.

This is merely speculative, but it is a possibility. As humanity, we may find ourselves trapped in a cycle, perhaps repeating the same endings and beginnings. Conjection evolves like this: as humans, when we become material on Earth, we start developing. The humans that have developed a lot, even if this technological development starts to harm them and they can't stop developing, when humans reach the top of development, they surround a magical button and say, "It is the button that will save us," and push that button. If you give permission, I want to call the button that every time causes the end of humanity as the most developed state of technology.

So, what does it mean? It actually means that even if we are in different time segments, we are not alone. It actually means that we did everything we're doing now. However, one day this vicious circle should come to an end, because after some time, the Earth should be irreversibly dead.

So, what if the world wasn't the only planet that got caught in this vicious circle? What if we are not in the first world we did exist in? What if we are changing planets for endless years like we are now hoping to go to Mars, changing planets when they come to an end? This would be really interesting because, as humanity, we could have not only the world but the whole universe in our heritage. But I have to say, even though it sounds really interesting, these are the best odds for us because these kinds are from us, and we are living in different timelines. So we don't have a chance to harm each other directly.

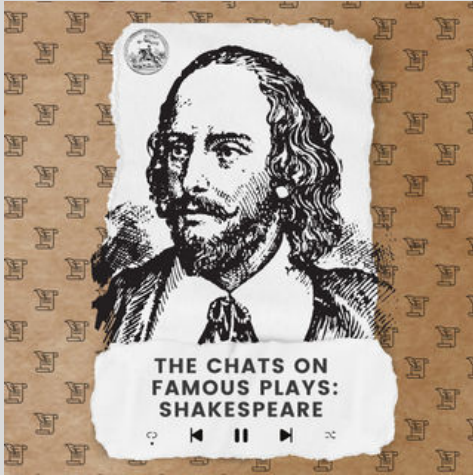
But the chance of there being different kinds at the same time looks terrifying for us because if the situation is that they are more advanced than us, they could be dangerous for us. Almost nobody says, "They would teach us what they know," because we also know that even we wouldn't do the same. If there are really creatures like that living somewhere, I wish for them not to find us because, like we are treating the animals, nature, they can behave like that towards us. We can't tell if we are alone or if someone from us lived before us. Hypotheses stay as hypotheses.

With the wish for improvement to the Magical Button point, because improvement makes us who we are. Also, who knows, maybe we get to the Magical Button point and everything starts again. We become a tiny detail among the events, existences that happen from eternity. We want to learn a lot, but every great learning turns us into an ignorant period again. If realities are like that, I would be curious about where we are in this whole, most precious and overlooked ones...



# OUR ENGLISH PROJECTS

## THE CHATS ON FAMOUS PLAYS: SHAKESPEARE



English podcast series "The Chats on Famous Plays. Organised by our school Ramazan Yaman Science High School, Foreign Language Club, in order to get to know the world-famous English writer Shakespeare closely, to better understand his thoughts and works, and to enter the world he created, "The Chats on Famous Plays: Shakespeare" podcast series in English was published on Spotify.

Our students read works Hamlet, Othello, A Midsummer Night's Dream, Romeo and Juliet, King Lear and shared their thoughts about these literary works and exchanged ideas. We supported this activity initiated by our students and contributed to its development and publication.

Thanks to this activity, the students of our club have once again shown that science high school students are competent not only in academic fields but also in literature and foreign languages. We congratulate them for their success and thank the Club Advisor Teacher Leyla Atalık and Club President Berke Çelik for making this event possible.

We invite you to this world:

[https://open.spotify.com/show/5ryKf1CHnnFwUqvAbkAUPh?si=f1WFW\\_RLRdab56uVf0dUsg](https://open.spotify.com/show/5ryKf1CHnnFwUqvAbkAUPh?si=f1WFW_RLRdab56uVf0dUsg)



# OUR ENGLISH PROJECTS

## RAYFEL TALKS

Our Rayfel Talks presentations, which are organized by our school students under the coordination of our teacher Leyla Atalık and the leadership of our project managers İrem Engün and Gizem Yılmaz, take place twice in an academic year, once per semester. Our aim in these presentations is to inform our students in English on various topics, just like the Tedx talks we are inspired by. Each presenter makes his/her presentation on the topic of his/her choice with presentations, surveys, and many other interactive tools. Each presenter's presentation lasts 5 minutes on average. Our presenters and topics in the 2nd and 3rd Rayfel Talks this year are as follows:

### 1st Semester Rayfel Talks Presenters;

İrem Engün: Presenter

Firengiz Khidrova: Artificial Intelligence (AI)

Berke Çelik: The Periods of English Literature

Derin Uslu: The Psychology Of Horror Media

Yaren Güler: Black, White and Wormholes

Mine Karadeniz: Organics



### 2nd Semester Rayfel Talks Presenters;

İrem Engün: Presenter

Gizem Yılmaz: Presenter

Buğra Bereket: History of Turks

Kayra Çağlayan and Eren Kınış: Nuclear Power Plants

Şevval Özkan: Ancestral Sports of Turks

Yusuf Alp Canbek: Powerful Warrior Units In the World



# OUR ENGLISH PROJECTS

## RAYFEL DEBATES'24

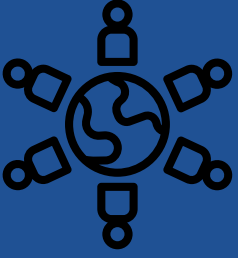
The first High School English Debate Tournament in Lüleburgaz was hosted by Lüleburgaz Ramazan Yaman Science High School. Organized by English teachers Leyla Atalık and Duygu Yıldız, along with the head organizer Berke Çelik and a student committee, the event saw participation from various school officials and media, including District National Education Director Cihan Erdem. Eight schools participated, with 40 students and their advisors debating various topics in English. The schools were: Ramazan Yaman Science High School, Tek Fine Arts High School, Duvenciler Anatolian High School, Kepirtepe Anatolian High School, Lüleburgaz High School, Private Lüleburgaz Bahçeşehir Anatolian High School, Atatürk Anatolian High School, Lüleburgaz Chamber of Commerce and Industry Science and Art Center.

The event aimed to promote knowledge sharing rather than competition. In the first round, debates covered topics like school uniforms, smartphone use in schools, social media, and celebrity role models. Schools advancing to the second round included Ramazan Yaman Science High School, Kepirtepe Anatolian High School, Lüleburgaz High School, and Duvenciler Anatolian High School.

The final debate was between Ramazan Yaman Science High School, advocating for limitless AI and robots, and Kepirtepe Anatolian High School, arguing for limitations.

Ramazan Yaman Science High School won the tournament, followed by Kepirtepe Anatolian High School and Duvenciler Anatolian High School. Awards and participation certificates were distributed at the closing ceremony, where Principal Selahattin Temel emphasized the importance of solidarity and congratulated all participants.





# GENERAL KNOWLEDGE QUESTIONS

1- Which emirate's flag is this?



2- What is the name of the sheep that was cloned in Turkiye for the first time?

3- Who said, "The unexamined life is not worth living?"

4- Which muscle in the human body is the strongest?

5- One of the former presidents of the United States, John Fitzgerald Kennedy, was killed by whom?

6- Which animals can see their backs without turning their heads?

7- Use the numbers 2, 3, 4, 5, +, and = only once to create an equation.

8- What does Nâmütenâhi mean?

9- What is the name of the music genre that became widespread between 1980 and 1990 and is one of the subtypes of rock music?

10- Where is the coldest place in the entire universe?

