

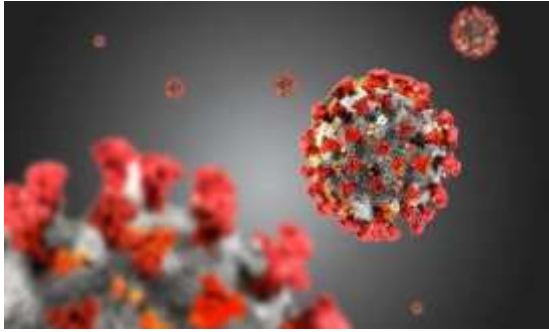


# E-MAGAZINE

SEHIT TURGUT SOLAK SCIENCE HIGH  
SCHOOL

An e-magazine prepared for  
e-Twinning

# Latest News About Covid-19



## Turkey to impose holiday curfew on Dec. 31-early Jan. 4

As a measure to stem the spread of COVID-19, Turkey will have a nationwide curfew spanning the traditional New Year's holiday, from Dec. 31 to early Jan. 4, the president announced on Monday. In addition to ongoing public health measures, the holiday lockdown will last from 9

p.m. on Dec. 31 to 5 a.m. on Jan. 4, Recep Tayyip Erdogan told reporters after a Cabinet meeting in the capital Ankara.

"We have started to see the positive effects of the restrictions and other measures," he said, stating this was thanks to the "public sacrifice."



# AI-Assisted Cough Tracking Could Help Detect the Next Pandemic

AI-Assisted Cough Tracking Could Help Detect the Next Pandemic When Joe Brew worked for the Florida Department of Health as an epidemiologist for two years starting in 2013, he helped with syndromic surveillance, meaning he had the arduous job of reviewing the symptoms of patients coming into the emergency departments from all across the state. The goal of such work: to detect an abnormal spike of symptoms in an area that may indicate there's a public health concern. led Brew to turn to a device that billions have in their pockets—a smartphone—to provide public health authorities with real-time symptomatic data from the community. Brew and several colleagues founded Hyfe, a free phone application that uses artificial intelligence to detect and track users' coughs, a hallmark of many respiratory conditions including COVID-19.



## **Coronavirus Vaccine Tracker**

Vaccines typically require years of research and testing before reaching the clinic, but in 2020, scientists embarked on a race to produce safe and effective coronavirus vaccines in record time. Researchers are currently testing 63 vaccines in clinical trials on humans, and 18 have reached the final stages of testing. At least 85 preclinical vaccines are under active investigation in animals.

### **AstraZeneca to test combining Covid-19 vaccine with Russian shot**

Turkey's daily coronavirus deaths rose to a record 226 in the last 24 hours, bringing the country's total death toll to 15,977, Health Ministry data has shown. Turkey also recorded 32,106 new coronavirus cases, including asymptomatic ones, in the last 24 hours. The government imposed weekday curfews and weekend lockdowns to saddle the surge in cases



## **New coronavirus variant: What do we know?**

Why is this variant causing concern? It has mutations that affect part of the virus likely to be important. Some of those mutations have already been shown in the lab to increase the ability of the virus to infect cells. All of these come together to build a case for a virus that can spread more easily. How much faster is it spreading? It was first detected in September. In November around a quarter of cases in London were the new variant. This reached nearly two-thirds of cases in mid-December. Mathematicians have been running the numbers on the spread of different variants in an attempt to calculate how much of an edge this one might have.

## **Death toll in Turkey rises by 226**

Turkey's daily coronavirus deaths rose to a record 226 in the last 24 hours, bringing the country's total death toll to 15,977, Health Ministry data has shown. Turkey also recorded 32,106 new coronavirus cases, including asymptomatic ones, in the last 24 hours. The government imposed weekday curfews and weekend lockdowns to saddle the surge in cases.

# What Else Is Happening In The World

## SpaceX Rocket Explodes During Cape Canaveral Test

The Falcon 9 rocket and its payload were lost in the explosion, which shook buildings and filled the air with smoke, but resulted in no injuries or deaths. The rocket had been scheduled to launch Saturday and deliver the AMOS-6 communication satellite, which had been built primarily by Israel Aerospace Industries and operated by Spacecom. The communications satellite had a planned mission duration of 15 years and, among other purposes, would have allowed Facebook to beam broadband Internet as part of its Internet.org initiative. SpaceX quickly released a statement, confirming “that in preparation for today’s static fire, there was an anomaly on the pad resulting in the loss of the

vehicle and its payload. Per standard procedure, the pad was clear and there were no injuries.



## **Bitcoin hits \$20,000, an irresistible investment in an unstable economy**

In 2017, we saw a bitcoin bubble. In 2021, I expect we will see another. But, unlike the last, the alternative financial system has grown tremendously. We're beginning to see real, parallel economic activity outside of trading, commerce and credit facilities," Luongo said. "This growth represents real adoption, and it won't disappear when the next bubble bursts. "The value of one bitcoin hit \$20,000 on Wednesday, after a two-month climb that saw the cryptocurrency's value double, marking the first — some say second — time in history it has reached the all-time high.

### **What is Area 51 and what goes on there?**

Area 51 refers to a map location and is the popular name for a United States Air Force base. It is at Groom Lake, a dry lake bed in the Nevada Desert, 85 miles (135km) north of Las Vegas. Most famous is the claim that the site hosts an alien spacecraft and the bodies of its pilots, after they crashed at Roswell, New Mexico, in 1947. The US government says there were no aliens and the crashed craft was a weather balloon. Others claim to have seen UFOs above or near the site, while some say they have been abducted by aliens, and even experimented on, before being returned to Earth.

## **What's behind the mysterious, earth-shaking boom of the 'Seneca Guns's**

Enigmatic booming sounds called the "Seneca Guns" have reverberated off parts of coastal North Carolina for more than 150 years, with some powerful enough to rattle windows and vibrate buildings. Now, scientists

are using seismic data to pinpoint where the explosions come from and what causes them.



## **Plane Safely Makes Emergency Landing On Minnesota Freeway**

It's safe to say that when

Craig Gifford pulled out his single-engine plane for a ride earlier this week, he hadn't been planning on Minnesota's 35W freeway for his landing strip. It remains unclear what caused the emergency landing. But luckily Gifford, the 52-year-old Minneapolis resident identified by authorities as the pilot, was better equipped than most to handle the unexpected Wednesday night.





## **Special Effects Technology That Allows Us To Follow Paul Walker In Fast And Furious 7 After His Death**

Famous actor Paul Walker passed away after a tragic car accident in 2013. At that time, the shooting of the 7th movie of the Fast and the Furious series was continuing. The film crew decided to make an agreement with a special effects company to produce one of the most ambitious works in the history of cinema. Paul Walker, who died in a car accident in 2013, mourned his fans. Walker's death shelved the Fast and Furious 7 project, which was then being filmed, for a while. While everyone thought the movie would be canceled, the team made a deal with Paul's brothers, Cody and Caleb Walker. Both siblings would play the role of their brother. Of course, it was the task of an expert special effects company to make them look like Paul Walker.

## **US cyber-attack: US energy department confirms it was hit by Sunburst hack**

Hackers are known to have at least monitored data within a range of key US government departments including state, defence, homeland security, treasury and commerce, Reuters news agency reports. Cisa said the perpetrators managed to breach computer networks using network management software made by the Texas-based IT company SolarWinds. Up to 18,000 SolarWinds Orion customers downloaded updates containing malicious software installed by hackers. All US federal civilian agencies were told to remove SolarWinds from their servers earlier this week as a result. Microsoft said it had identified more than 40 of its customers who were targeted in the cyber-attack, including government agencies, think tanks, non-governmental organisations and IT companies.

## **MH370: Malaysian plane lost 5 years ago and still unknown fate**

It has been exactly 5 years since the flight number MH370 of Malaysian Airlines passenger plane disappeared in the Indian Ocean. The fate of the plane is still unknown. On March 8, 2014, the plane that departed from Kuala Lumpur, the capital of Malaysia, to go to Beijing, the capital of China, disappeared 40 minutes after taking off. Despite the most expensive underwater survey in history, it has not been determined why the plane carrying 239 people changed direction and flew south of the Indian Ocean and what happened to the plane afterwards. The authorities have not even approached the result at the end of 5 years in the incident, which has turned into one of the greatest mysteries of aviation history.

## **Scientists discover bizarre hell planet where it rains rocks and oceans are made of lava**

If you thought living on Earth in 2020 was comparable to hell, planet K2-141b is here to prove you wrong. On the scorching hot planet, hundreds of light-years away, oceans are made of molten lava, winds reach supersonic speeds and rain is made of rocks. Scientists have referred to the bizarre, hellish exoplanet as one of the most "extreme" ever discovered. According to a new study published in Monthly Notices of the Royal Astronomical Society, scientists from McGill University, New York University and

the Indian Institute of Science

Education have uncovered details of one of the newest "lava planets" — a world that so closely orbits its host star that much of it is composed of flowing lava oceans.





## **New mystery metal monolith appears on a California mountaintop**

A new mystery metal monolith has appeared atop a mountain in California, just a week after a similar structure captured the imagination

of the world when it was discovered in the deserts of Utah – before being taken down and disappeared. The local newspaper in the small town of Atascadero, on the central California coast, reported that the silvery column had been found atop Pine mountain where dozens of local hikers made the trip to view it – and post their pictures on the internet. “The three-sided obelisk appeared to be made of stainless steel, 10-feet tall and 18 inches wide. The object was welded together at each corner, with rivets attaching the side panels to a likely steel frame inside,” the Atascadero News reported.

## **It is now possible to wear other people's faces**

Shuheï Okawara’s masks won’t protect you or others against the virus. But they will lend you the exact appearance of an unidentified Japanese adult whose features have been printed onto them. “Mask shops in Venice probably do not buy or sell faces. But that is something that’s likely to happen in fantasy stories,” Okawara told Reuters. The masks will go on sale early

next year for 98,000 yen (\$950) apiece at his Tokyo shop, Kamenya Omote, whose products are popular as accessories for parties and theatrical performance.



## **Winter solstice: Jupiter and Saturn 'merge' in rare celestial event**

A very rare, once-in-a-lifetime celestial event will shine brightly in the sky on Monday evening (21.12.2020) - as long as the weather allows, of course. Our two largest planets - Jupiter and Saturn - will appear to converge in what is called merging. , The Winter Solstice. This will be where the planets will be closest since 1623, but at that time they were very close to the sun, making it very difficult to see the conjunction. If you are lucky enough to have a clear sky, you can see the event with the naked eye until 5pm GMT. According to Astronomy Ireland, it is important to find a place that is not very bright and has a clear view of the horizon. "The two planets don't actually get it. It's brighter, but the combination of the two will make them slightly brighter in the sky." Next time we have such a chance on August 24, 2414.

## **Paragliding Santa in California rescued after getting entangled in power lines**

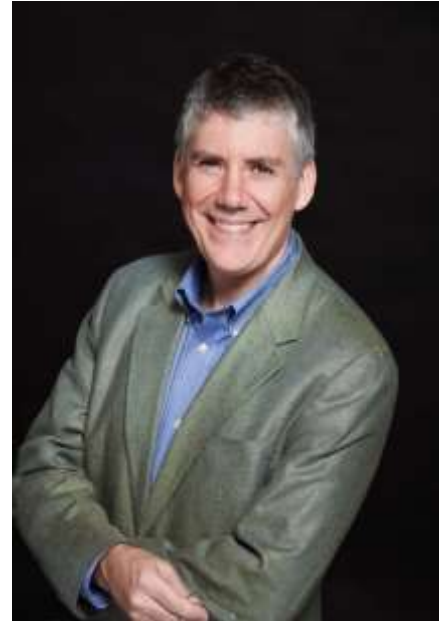
Santa Claus should stick with his reindeer and sleigh. A California man who dressed up as jolly old Saint Nick and took to the skies above Sacramento with his paraglider to spread Christmas cheer had to be rescued Sunday after becoming entangled in power lines. The man was using a "hyper light" in Rio Linda when he flew too low and hit the power lines around 11 a.m., Metro Fire of Sacramento said. The department released video of the rescue showing the man dressed as Santa in the pilot's seat of the fan-powered aircraft as it dangles above the street. Firefighters used a fire truck ladder to reach the man and bring him down safely just after 1 p.m.



# DO YOU KNOW PERCY JACKSON SERIES WRITER RICK RIORDAN?

Richard Russell Riordan Jr.

better known as Rick Riordan is  
The New York Times bestselling  
American author of the Percy  
Jackson and Olympians series.  
Born on June 5, 1964, Rick  
Riordan grew up in Texas.



He attended the Alamo Heights High School,  
graduating in 1982. For higher education Rick enrolled  
at the University of Texas in Austin double majoring  
in English and history. After graduation from the  
university in 1986, Rick Riordan chose teaching for a  
career. For 15 years Rick taught English, history and  
Greek mythology at various middle schools in the San  
Francisco Bay Area and in San Antonio. In 2002, he  
was presented the St. Mary's Hall's first Master  
Teacher Award for his exceptional teaching services.

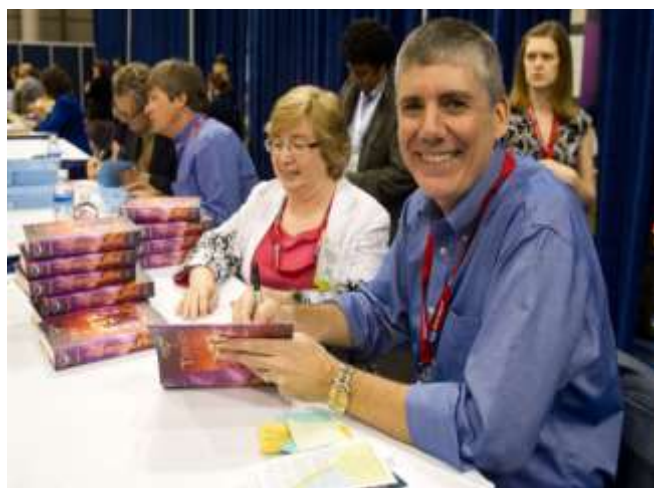
Rick began to enjoy writing from an early age. He made many unsuccessful attempts of publishing his short stories in teenage years. At school, Rick was appointed the editor of the high school newspaper. It was not until graduation from college and teaching in San Francisco that Riordan took writing seriously.

Riordan's son, Haley who was diagnosed with ADHD and dyslexia held a keen interest in a subject his father taught, Greek mythology. Then in the second grade, Haley would often request upon Rick to tell him stories inspired by Greek mythologies. In order to fulfill his son's request, Riordan quickly invented the character of Percy Jackson, a twelve year boy who suddenly discovers he is the son of



a Greek God. Riordan began a creatively crafted imaginative tale of Percy's expedition to bring back Zeus's lightning bolt in present day America.

After Rick finished telling the story in three nights, Haley requested him to write down the story as a book. Not wanting to disappoint his son, Riordan took out time to write down the story. To show his respect and care for dyslexic children, Riordan attributed some characteristics of this



disease to Percy. Thus, Riordan's world famous Percy Jackson series came into being.

While living in California was enjoyable and comfortable for his wife and kids, Riordan yearned for Texas. His nostalgic feelings for Texas led him to write a mystery novel set in San Antonio, his hometown. The novel entitled Big Red Tequila featured the central character of Tres Nvarre, a private eye Ph.D in English. The novel received enthusiastic reviews and won Riordan the three most prestigious awards in the mystery genre.



Riordan is author to five series which include Percy Jackson and the Olympians, The Heroes of Olympus, The 39 Clues Series, Tres Navarre Series and The Kane Chronicles. He is also written a standalone novel entitled Cold Springs which was published in 2004. Rick Riordan currently resides in San Antonio with his wife and their two sons.

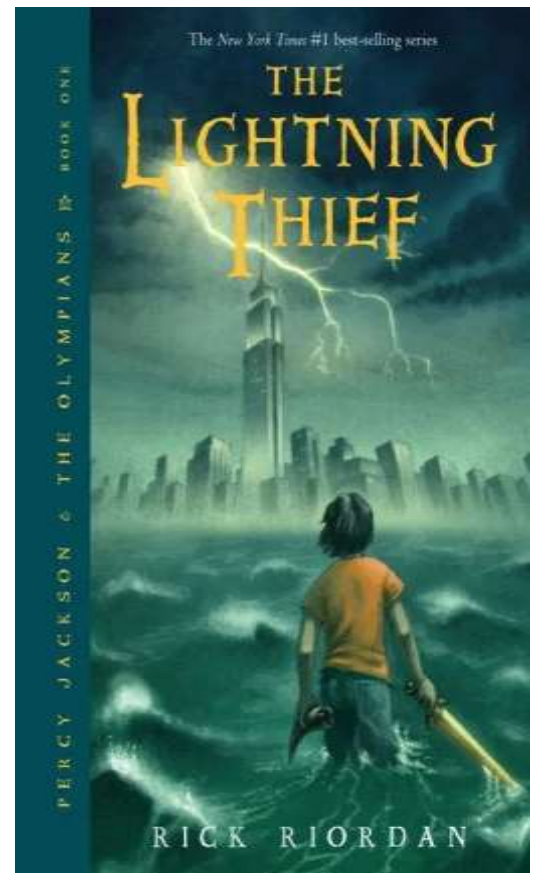




# LET'S KNOW A BOOK SERIE: **PERCY JACKSON**

## The Lightning Thief

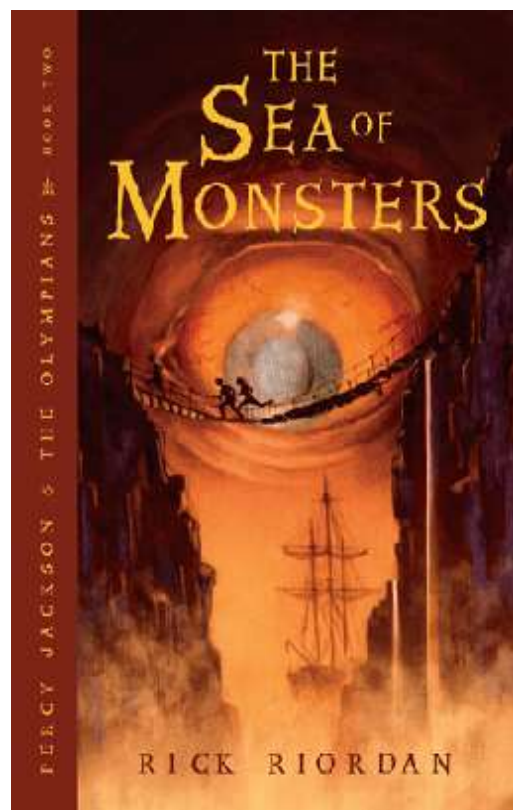
A booming fantasy adventure that you will witness with the coincidence of modern and mythological worlds ... Percy Jackson is not an ordinary boy. He learned that he was the son of Poseidon and is accused of stealing Zeus' lightning, in other words the most powerful weapon that has been made. With the storm clouds approaching, Percy embarks on a long journey to find the lightning, prove his innocence, and prevent the war between the gods that could destroy our world.



# The Sea of Monsters

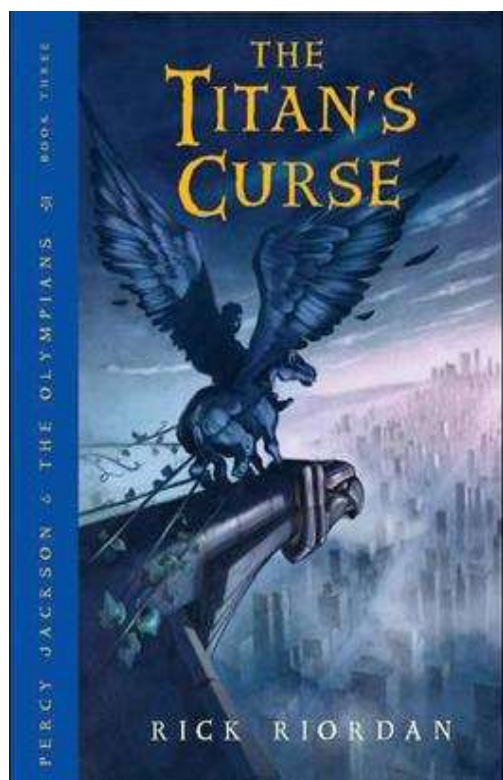
The weakening of the magical boundaries of the Camp Half-Blood is horrifying everyone, someone has already implemented a very cruel plan. If Percy and his half-blood friends do not get involved, this beautiful refuge of demigods is in danger of being destroyed! A long journey to the Sea of Monsters and the big family secrets will make

Percy's life hell. Whether being the son of a Greek god is an honor or a scourge, it will be revealed in this book.

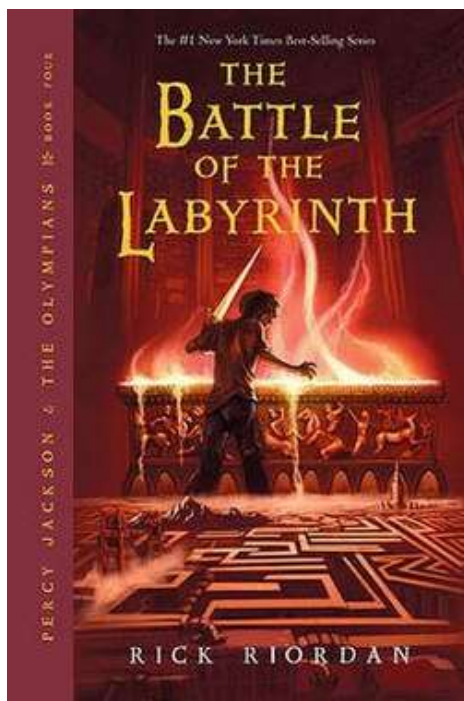


## The Titan's Curse

The world of the Greek god's and half-blood's is preparing for a great war. This war may be a war that will devastate everything, with irreversible consequences! Percy needs strong friends like himself, will the mysterious newly met half-blood siblings support him or be a shackle? The lord of the Titans Kronos has set his greatest trap, waiting for the



gods and half-bloods ! Percy faces the most terrible reality: The Titan's Curse. The very strong can resist to this curse, but can Percy do?



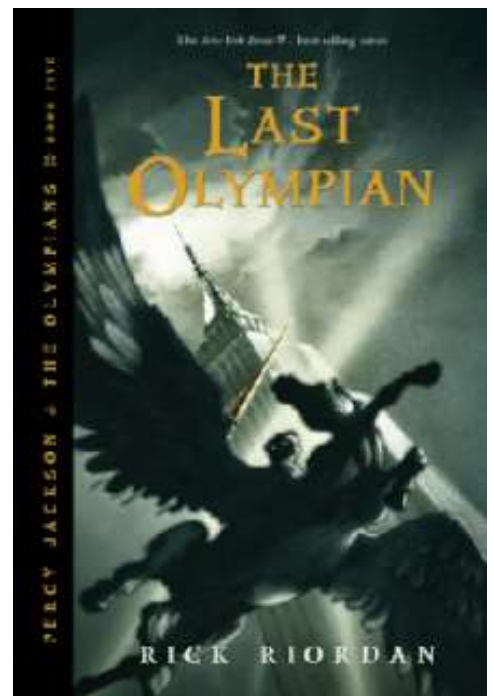
## The Battle of the Labyrinth

Percy didn't think his new school's practice trip would be fun anyway. When he has to fight demon cheerleaders with an old mortal acquaintance, this trip becomes even more inconvenient. The war between Olympus and the evil Titan Lord Kronos is getting more and more fueled. Even the Camp Half-Blood,

which is always open to invasion is no longer the safe place with its magical boundaries. To prevent the attack of the Titan army, Percy and his other half-blood friends must go through a dark labyrinth, a constantly renewed, a maze that awaits other nasty surprises at each corner. On top of those, it is alive.

## The Last Olympian

Though they know their luck is almost gone, the Camp Half-Blood have prepared for a year for battle against the Titans. Kronos' army is now stronger than ever; and its power grows even more with every god and half-blood it brings into its legion. While the gods of Olympus is dealing with the devastating . Typhoon, Kronos is marching to Olympus, New York, which is almost defenseless, and now it's all up to Percy and his half-blood army.





# HOROSCOPES PREDICTIONS

## 2021



### **Aries Horoscope 2021:**

As seen in the Aries 2021 horoscope predictions, the year 2021 is likely to begin on a very positive note and it may also grant you the ease of working and a general good fortune. Gradually, relations with friends and associates are likely to improve. Around the mid-2021, certain planetary situations may bring new challenges on the career front. Kindly keep control of your negative thoughts during this period.



### **Taurus Horoscope 2021:**

The planetary situations will remain supportive of your professional life as per Taurus 2021 horoscope. You will grow in terms of knowledge and personality during this phase and you will do very well in your career. You will find new and creative ways to get things done and this is going to make things better for you. You are likely to see benefits to your undertakings.



### **Gemini Horoscope 2021:**

The Gemini horoscope 2021 prediction shows the very special year 2021 for the Gemini natives. This will be a year where you will be happy with the support of luck and even the reduction of obstacles that were following you for a long time. This will be a year where Gemini zodiac will finally put an end to old issues and start afresh.





### **Cancer Horoscope 2021:**

A year that will start on a sluggish note. 2021 as a year will be slightly challenging for natives of Cancer zodiac sign states of the Cancer 2021 horoscope predictions. The transit of Saturn in Capricorn and its harsh aspect upon your sign will be difficult to sail through. But Saturn is known to reward hard work and efforts. Therefore, all those Cancer zodiacs sign...



### **Leo Horoscope 2021:**

This is a year when your conviction in your decisions will be very strong as per your Leo 2021 horoscope. While this will help you take some radical decisions, you will also need to be on your guard against becoming inflexible and stubborn. You will experience a deep emotional attachment with your loved ones as seen in Leo 2021. You will be in sync with your roots and family values.



### **Virgo Horoscope 2021:**

As per Virgo 2021 horoscope, your time is good this year and you will be excited about some positive developments in your life. Creativity and enthusiasm will flow in whatever you do. You will also have a renewed interest in your life. However, when everything is moving in the right direction this year, it is essential for you to understand and to know...



### **Libra Horoscope 2021:**

According to Libra 2021 horoscope predictions, the year 2021 may prove to be one of the most successful years for you. With the transit of Saturn and Jupiter, placed

in squares and trines respectively, the dual-energy of planets will enhance the benevolence in your life. Moreover, Saturn will bring stability in your personal life.



### **Scorpio Horoscope 2021:**

As per Scorpio horoscope 2021, the year may bring mixed results for Scorpio natives. As the year 2021 will progress, you are likely to be more energetic, courageous, and even be able to stick to your new year resolutions. Moreover, the transit of Saturn in Capricorn will make you courageous and the transit of Jupiter in Aquarius will make you stick firm on the decision that you would take out of courage.



### **Sagittarius Horoscope 2021:**

As per Sagittarius astrology prediction 2021, the year 2021 is likely to bring many surprises for you. Moreover, there is something for all age groups this year, which will delight one and all.

Prosperity, success, and fortune are likely to manifest across the year to please you. There are chances that your education and higher studies may be impressive and fulfilling, says Sagittarius 2021 horoscope.



### **Capricorn Horoscope 2021:**

2021 is likely to be a year with heavy transit which may impact your life. As per Capricorn 2021 horoscope, the year 2021 may make you introspect in your actions and may induce you to make adjustments. These changes may decide the future of your actions. In fact, the decision that you may take now and then follow it with actions will decide the outcome during the year, says...



### **Aquarius Horoscope 2021:**

As per Aquarius astrology prediction 2021, the year is likely to be giving you more experience than usual. With the sign lord Saturn being in the 12th house for your sign, the initial few months may see a rise in tension and you may face some challenges. Furthermore, the conjunction of a debilitated Jupiter may cause some issues in your life.



### **Pisces Horoscope 2021:**

According to Pisces astrology prediction 2021, the year 2021 is likely to bring mixed-results initially for you. At the start of the year, the sign lord Jupiter is well placed in the 11th house of gains. Albeit debilitated, it would be encouraging as the conjunction of Saturn and Jupiter is likely to bring steady progress, says Pisces 2021 horoscope.

# PUZZLE SECTION



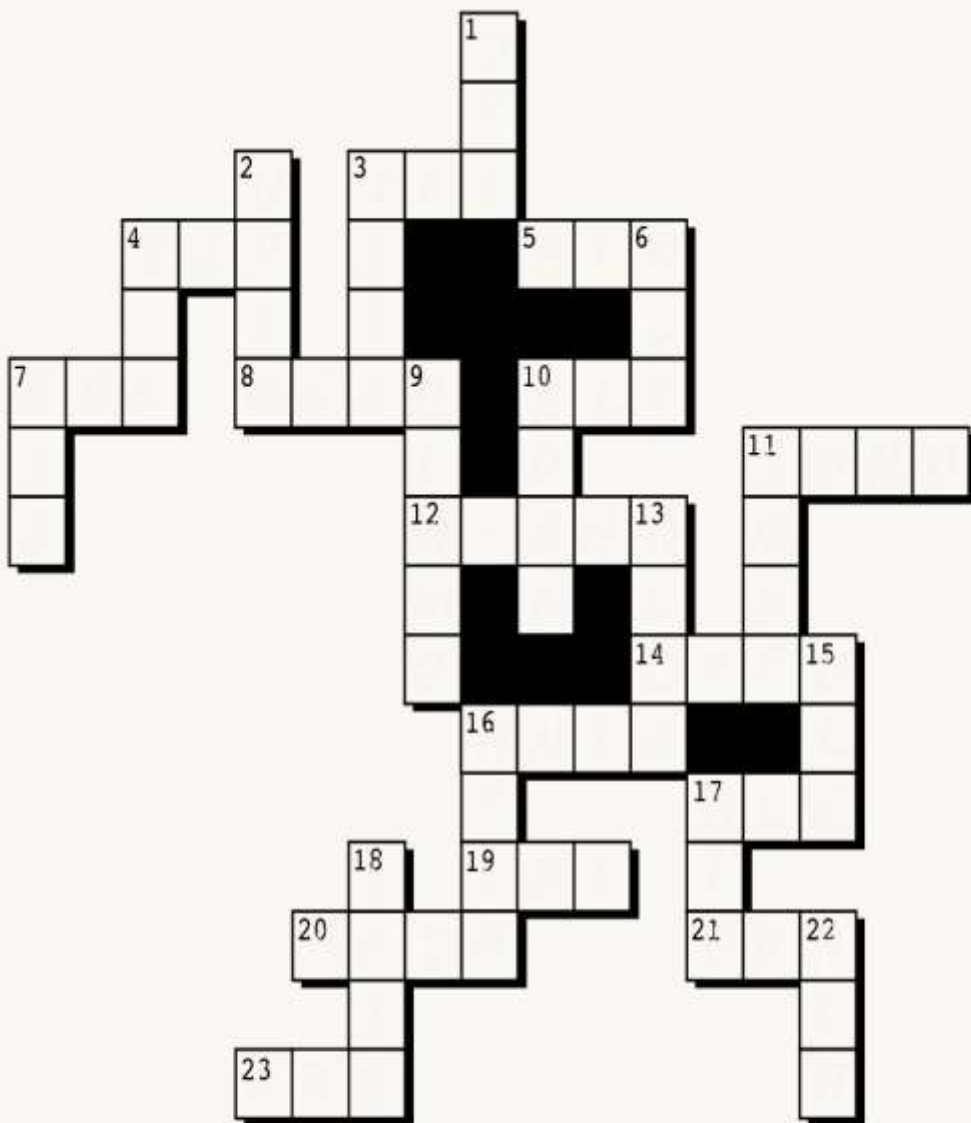
## Crossword

### ACROSS:

3. Anger; temper; wrath; indignation
4. Bud setting; notice; attention; listener; musical sense; big part of an elephant
5. Greek letter; pilot announcement, shortened; itinerary abbreviation
7. Before, in verse; poetic preposition; afore
8. Sailing; out of port; on the briny; cruising; midvoyage
10. Inventor Whitney; quarterback \_\_\_ Manning; *Book of \_\_\_*; Ivy Leaguer
11. London district; TriBeCa neighbor; Manhattan neighborhood; near Piccadilly
12. Sports venue; where the action is; bowl; fight site
14. Cookie; creme-filled snack; ice cream flavor; snack since 1912
16. Poker stakes; chip in; the "a" in a.m.; pot starter
17. Beer; pub; ginger \_\_\_; black and tan ingredient; pint of
19. Sushi fish; electric \_\_\_; wriggly swimmer; this may shock you
20. Operatic solo; diva's song; Met highlight
21. Time in history; Victorian \_\_\_; pitcher's stat
23. You \_\_\_ here; exist; live; chances \_\_\_

### DOWN:

1. Mine find; vein contents; dig it
2. Celestial bear; \_\_\_ major; \_\_\_ minor; a group of stars
3. "Gotcha"; "uh-huh"; words said with a nod; words of understanding
4. Opposite of WSW; chemical suffix; compass direction
6. \_\_\_ Baba; Aladdin prince; Muhammad; boxer
7. Hook shape; double curve; twisty turn; feminine suffix



9. "Remember the \_\_\_!"; 1836 battle site in Texas; memorable mission
10. Biblical garden; Genesis garden; paradise lost; first place; Shangri-La
11. Peter Pan pirate; fictional pirate; Captain Hook's henchman
13. \_\_\_ vera; lotion ingredient; natural balm; succulent plant
15. Corrida cry; "Bravo!"; Spanish cheer; good \_\_\_ boy

16. Vicinity; neighborhood; zone; geometry calculation; field; specialty
17. Eaten; had; downed; put away; dined
18. Buffalo's lake; New York's canal; Jay Gould's railroad
22. A wing or winglike structure; pie \_\_\_ mode; in the style of

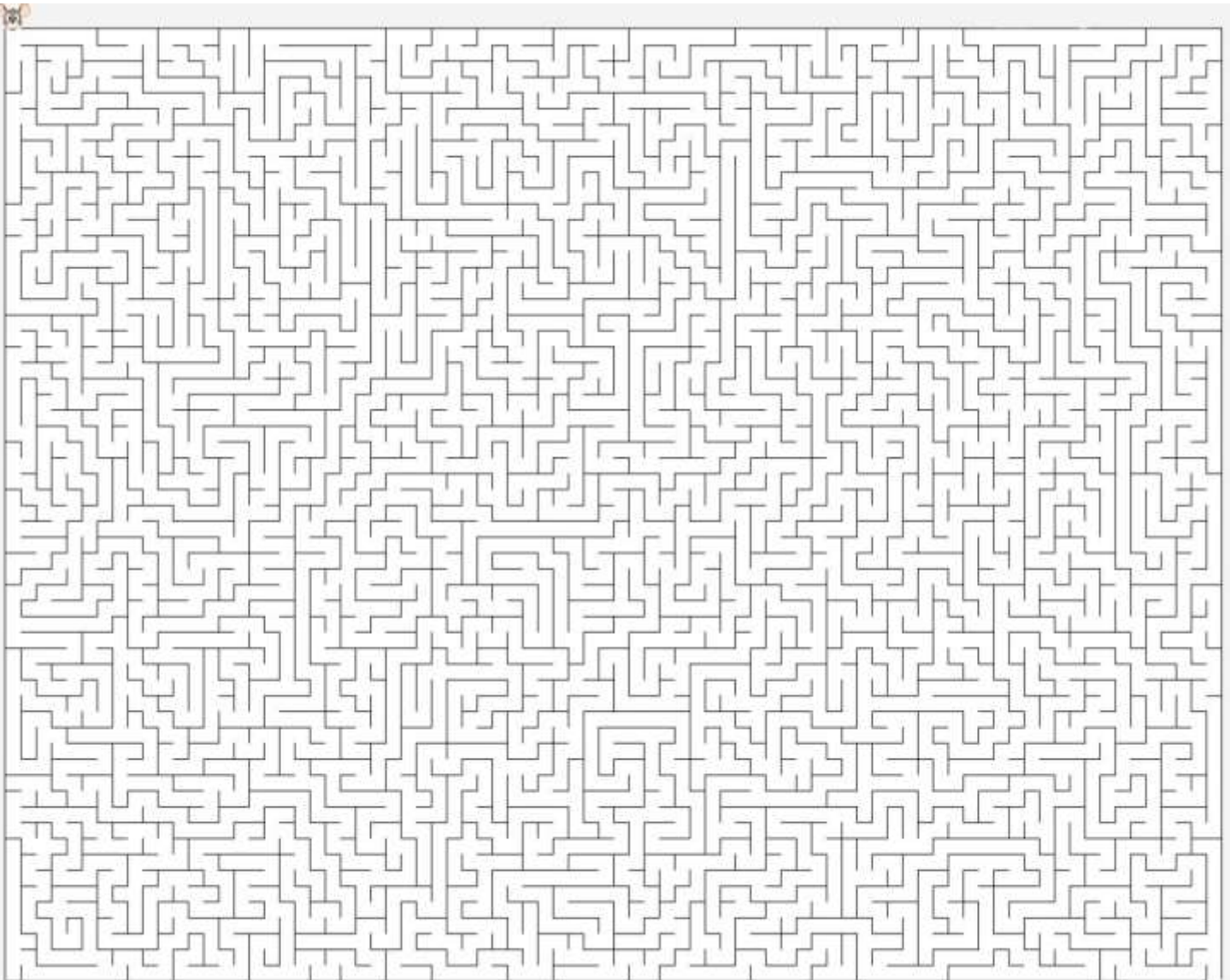


# WORD SEARCH

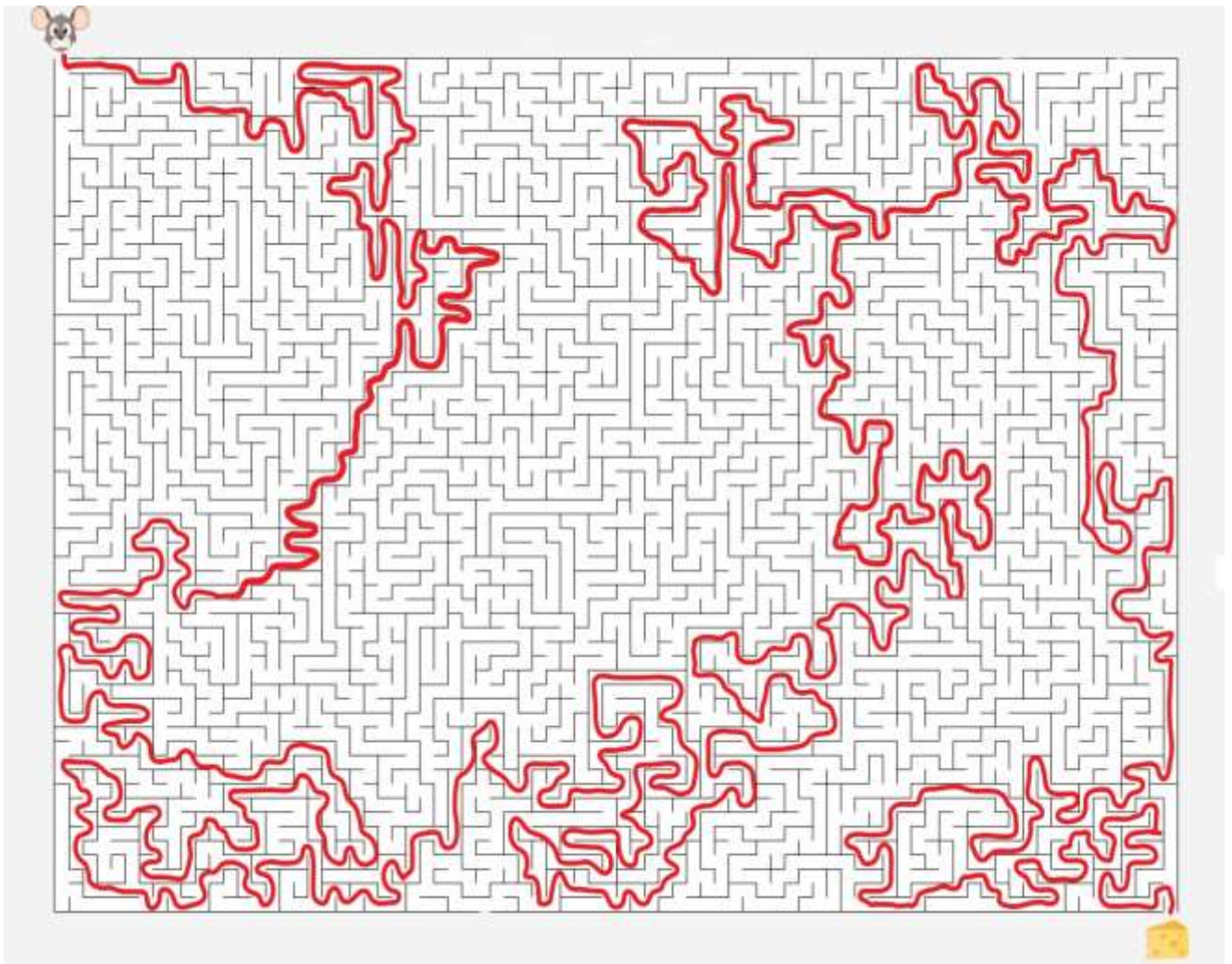
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ruby  
blocks  
heredocs  
classes  
iterator  
module  
objects  
flexible  
each  
happy  
mutable  
lambda  
hash  
array

## Labyrinth



# ANSWER PAGE



C L A S S E S M O P  
 H T I D M I Y U I P E  
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 E S R L M M P A E B  
 A A A E O D A B R I  
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