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kvmbkdaybreakweekly@gmail.com



The Day Break Weekly

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2 record by Virat Kohli



Team India captain Virat Kohli has scored the most runs among Indians in T20 World Cup history with 777 runs in 16 innings. Kohli has also hit the most fifties (nine) in T20 World Cups among Indian.

'Trojan the asteroid' is yet to study



NASA's latest mission to study the Trojan asteroids is set to launch on 16 October from Cape Canaveral, Florida, aboard an Atlas V rocket. The Lucy spacecraft will be the first to study these asteroids up close, giving us a window into the formation of our solar system.

Wild fire in Syria



Syria has executed 24 people for starting wildfires last year that left three people dead and burned thousands of acres of forests

T20 is in bucket list of England



England's bowlers have opted for a decidedly low-tech approach to winning the T20 World Cup by training with a humble bucket to counter the crushing humidity of the Gulf.

First ever Korea's own rocket



South Korea's first domestically produced space rocket reached its desired altitude but failed to deliver a dummy payload into orbit in its first test launch on Thursday.

INDIA HITS RECORD 1 BILLION COVID 19 VACCINATION MARK



Click to see how many people vaccine till now

India celebrated the milestone of administering 1 billion COVID-19 vaccine doses on Thursday, with the government promoting the achievement in song and video even as a recent drop in inoculations worries healthcare providers.

After a slow beginning in the middle of January, India's immunisation campaign has covered three-quarters of its 944 million adults with at least one dose but only 31% with two. The government wants all adults to get vaccinated this year. "India scripts history," Prime Minister Narendra Modi said on Twitter. "We are witnessing the triumph of Indian science, enterprise and collective spirit of (1.3 billion) Indians.

Nearly 90% of the vaccines administered in India have come from the Serum Institute of India (SII), which produces a licensed version of the AstraZeneca (AZN.L) drug. SII has more than tripled its capacity since April and can now produce 220 million vaccine doses a month. The World Health Organization (WHO), which relies heavily on India for supplies to its global vaccine-sharing platform COVAX, congratulated the country for reaching the landmark.

Nasa's spacecraft to deflect asteroid goes into final checks, launch in late

Days after scientists launched a probe towards trojan asteroid swarms surrounding Jupiter, Nasa is gearing up for a major asteroid mission. Scientists will launch the Double Asteroid Redirection Test (DART) spacecraft to demonstrate the capability of deflecting an incoming asteroid towards Earth. DART will be the first demonstration of the kinetic impactor technique to change the motion of an asteroid in space.

The DART spacecraft arrived in California — the final stop on Earth before being launched aboard a SpaceX Falcon 9 rocket in late November. The spacecraft reached Vandenberg Space Force Base from where it will be launched towards a binary asteroid system Didymos, which means "twin" in Greek. "Although it was just a few days of travel, this has been a journey long coming. We are all excited and relieved to see the truck arrive safely at Vandenberg and for DART to begin its final preparations for launch," said Elena Adams, DART mission systems engineer.

Trump to launch new social media platform

Former U.S. President Donald Trump, banned from social media platforms Facebook and Twitter since the January 6 attack on the U.S. Capitol, has announced that he is launching a social media company, TRUTH Social, to "stand up to the tyranny of Big Tech."



"We live in a world where the Taliban has a huge presence on Twitter, yet your favorite American President has been silenced," Mr. Trump said in a statement released via email by the Trump Media and Technology Group (TMTG). The platform will be made possible via the merger of

TMTG and Digital World Acquisition Group, the email said, with TMTG eventually becoming a publicly listed company. The app is expected to rollout across the U.S. in the first quarter of next year, with a beta version being launched next month.

Russia reports cases of more contagious covid-19 delta subvariant

Moscow:

Russia has reported "isolated cases" of COVID-19 with a subvariant of the Delta variant that is believed to be even more contagious, the state consumer watchdog's senior researcher said on Thursday.

The researcher, Kamil Khafizov, said the AY.4.2 subvariant may be around 10% more infectious than the original Delta - which has driven new cases and deaths to a series of record daily highs in Russia - and could ultimately replace it. However, he said this was likely to be a slow process.

"The vaccines are effective enough against this version of the virus, which is not so different as to dramatically change the ability to bind to antibodies," he said. The AY.4.2 subvariant is also on an increasing trajectory in England and had already accounted for about 6% of all sequences generated on the week beginning Sept. 27, a UK Health Security Agency report released on Oct. 15 said.

Why ISRO may be prioritizing Gaganyaan mission over Chandrayaan

As the work on Chandrayaan 3 mission continues across ISRO (Indian Space Research Organisation) centres, there have been reports that ISRO may prioritize Gaganyaan over the Chandrayaan-3 mission. Though when contacted by THE WEEK there was no response from the ISRO PR team on any latest update for the Chandrayaan-3 mission, experts and sources have pointed out that due to the huge scale of the Gaganyaan mission there is a possibility of giving priority for the uncrewed Gaganyaan mission at the earliest. THE WEEK in an earlier report in July 2021 had mentioned that ISRO was carrying out an internal assessment of the Gaganyaan mission as to whether the mission can take off as per its schedule in December 2021. The lockdowns due to the Covid-19 pandemic had disrupted the delivery schedules of the Gaganyaan mission.

'Bringing Dhoni as mentor is Virat's decision. He wants to finish on a high by winning T20 World Cup'

Former England cricketer Monty Panesar feels India captain Virat Kohli must have had a big role to play in roping in the legendary MS Dhoni as mentor of the Indian side for the T20 World Cup 2021. Panesar said Kohli, who is yet to win an ICC trophy as captain, must have wanted to finish on a high and hence wanted Dhoni to support him in his endeavor.

"When you have a dream, you've got to grab it and never let go." - Carol Burnett

Decision on Air India will give new energy to aviation sector.

With Air India set to be acquired by Tata group, Prime Minister Narendra Modi today said that the decision on the national carrier will give new energy to India's aviation sector. Meanwhile, the International Monetary Fund on Monday said the sale of Air India will constitute an "important milestone" in India's privatisation efforts.

Tata group has emerged as the winning bidder for Air India, and on October 11, a letter of intent was issued to the group.

Lord Buddha as the inspiration of the Indian Constitution.

Prime Minister Narendra Modi on Wednesday (October 20) quoted Lord Buddha's teaching, 'Appa Deepo Bhava', meaning 'be your own light' and said it is the motivation for India to become self-reliant. When a person is self-illuminated, he lights up the world as well. This is the motivation for India to become self-reliant. This is the inspiration that gives us the strength to participate in the progress of every country in the world," stated PM Modi.



Prime Minister Narendra Modi being felicitated with a statue of Buddha by Union Minister of Civil Aviation Jyotiraditya Scindia at the inauguration of the Kushinagar International Airport (Pic: ANI)

PM Modi inaugurates the Kushinagar Airport.

The Kushinagar International Airport is the third international airport apart from operational airports in Lucknow and Varanasi. While the Lucknow airport handles flights to international destinations like Middle Eastern countries including Oman, Kuwait, UAE among others; Varanasi Airport handles flights to Thailand, Nepal among others.

The Kushinagar Airport will give impetus to the religious tourism in the state, with Kushinagar being the Mahaparinirvan of Lord Buddha. Buddhist Pilgrims from across the globe, and more specifically from East Asia are likely to boost tourism in the state.



The second wave of Covid may have prevented the third wave.

"There would be a mild spike in cases as a result of the festive season, perhaps building up to a gentle peak, but not approaching anywhere near the size of the second wave," said Gautam Menon, professor at the departments of physics and biology at Ashoka University.

One factor that led to the predictions of an imminent third wave was India's August-November festival season when major crowds gather as part of public celebrations. What may be the most important factor yet is the highly transmissible delta variant that fueled the second wave.

A Centre in Chennai that focuses on post-Covid recovery.



In this Covid-19 scenario, HAMSAR Rehabilitation Centre served with a mission to give the best possible life back to patients coming to terms with the disabilities from various neurological injuries and diseases of the brain and nervous system.

"During Covid, we realised that those affected with severe Covid and hospitalised for long duration required rehabilitation to recover completely. People with pre-existing medical issues like obesity, multiple organ involvement, who have had a prolonged stay in an ICU or a hospital or under mechanical ventilation, may develop consequences in terms of physical, psychological and cognitive disability," explains Dr Balamurali.

Malaysia's action against those who refuse to take vaccine.

Malaysia plans to nip vaccine hesitancy in the bud by promising tough action against those who refuse to take Covid-19 shots without a valid reason.

The country's health ministry will be introducing a new plan under its National Testing Strategy which will explain the actions that the government will take against those who are not inoculated against Covid-19. Without giving away much of the upcoming new rules, Jamaluddin remarked that Malaysians who choose not to get vaccinated may well have to pay for regular mandatory Covid-19 tests.

Orange juice helps fight inflammation, oxidative stress.

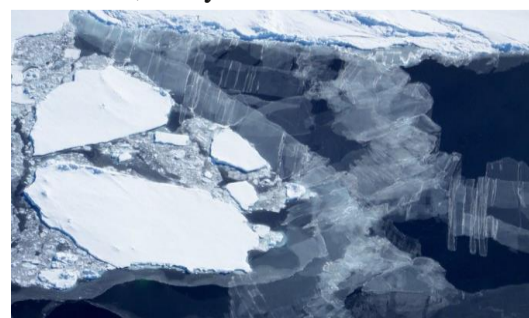
A new study has suggested 100 percent orange juice has the potential to help fight inflammation and oxidative stress in adults. The findings of the study were published in the journal 'Advances in Nutrition'. Though limited in scope, the study indicates drinking 100 percent orange juice significantly reduces interleukin 6, a well-established marker of inflammation, in both healthy and high-risk adults.

The researchers also examined the overall quality and potential bias in the studies. The broad scoping and systematic reviews revealed that, in general, 100 percent orange juice either had beneficial or null (no adverse) effects on oxidative stress or inflammation.



How sea ice regulated temperatures on Earth.

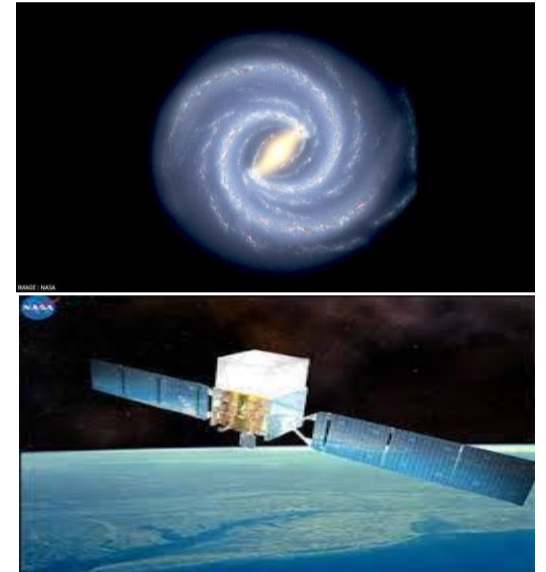
Did you know that scientists monitor climate change through the measure of sea ice that covers the Arctic Ocean at a given time? Sea ice reflects sunlight back into space, regulating ocean and air temperature alongside circulating ocean water and maintaining animal habitats. NASA and the National Snow and Ice Data Center in Boulder, Colorado, use satellites to observe sea ice extent. Arctic sea ice extent has observed to be steeply declining year-round over the past several decades, especially in late summer. It forms in the cold winter months, when seawater freezes into massive blocks of floating ice, then partially melts away in the warm summer months. This cycle repeats itself every year. NASA has tracked minimum and maximum extents of sea ice since 1978. While the exact extent figures may vary year to year, the overall trend is clear: the Arctic is losing its ice year-round. The last 15 years, we've seen the lowest 15 sea ice minimum extents, says Dr. Rachel Tilling, a sea ice scientist at the University of Maryland and NASA's Goddard Space Flight Center in Greenbelt, Maryland.



NASA's New Telescope to Study Gamma Rays.

The National Aeronautics and Space Administration (NASA) announced on October 19 that it has chosen the gamma-ray telescope to chart the evolution of the Milky way galaxy.

In its latest press release, the space agency revealed that they have given a go-ahead to the development of the telescope that will help to study the recent history of star birth, star death, and the formation of chemical elements in the Milky Way.

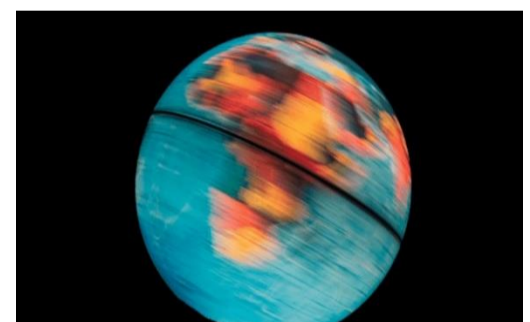


NASA's telescope spots a dying star switching on and off

Deep within the cosmos, a fading star's quiet death was sharply interrupted. Instead of gracefully vanishing into the heavy darkness of space, as stars typically do, it coughed out a mysterious, prolonged flicker of light.

This "has never been seen in other accreting white dwarfs," Simone Scaringi, an astronomer at Durham University's Centre for Extragalactic Astronomy in the United Kingdom, said in a statement.

Earth Had a Dangerous Axis Tilt 84 million Years Ago.



Scientists know Earth tilts from time to time on its axis. Evidence found in Italy shows the Earth tilted around 12 degrees 84 million years ago. This was the time when dinosaurs were alive. But the Earth corrected itself quickly. The tilt would have displaced continents by 1,000s of miles, enough to push New York City to where Tampa, Florida is now. An April study found that a similar tilt like the one from 84 million years ago is currently happening, courtesy of climate change.

FUN TIME

Word search!

B J E M L Z H E S O R N A W
 V O R D X T U P G M Y I K O
 H L Z I S C N J B E D F Q R
 U X G R O W E A H K R A P M
 Q D Y T N I D O L C S E E D
 M H E J B F R G U P K L R X
 Y P C A Y S A Z N I T V E J
 E W K Q D M G B H O R F W U
 L I O S T C E J O Y A P O N
 G L Y W K U N R A D Q Z L I
 P T O S E H S U B R M C F X
 I Z N K R E L Q W A T E R O
 M D I G U X D P E Y C H T B
 R W T A F O V S Z N L Q J S

BED	GROW	SOIL
BUSHES	HOE	STEM
DEAD	LEAF	WATER
DIG	PLANT	WEEDS
DIRT	ROOT	WILT
FLOWER	ROSE	WORM
GARDEN	SEED	YARD



Riddles!

1. What has a neck but no head?
2. What time is it when elephant sit on a fence?
3. What has to be broken before you can use it?

Jumbled words!

1. lccko
2. nsigel
3. roarw
4. macel
5. epcha
6. erosh
7. attoom

Math magic!

X is an odd number. Take an alphabet away from X and it becomes even. Which is that number?



Quiz time!

Environment provides food, shelter, air, and fulfills all the human needs whether big or small. Moreover, the entire life support of humans depends wholly on the environmental factors. In addition, it also helps in maintaining various life cycles on earth but humans destroying by polluting it and the main cause is plastic so 'If you can't reuse it, refuse it.'

Now answer this: -
 When world environment day is observed on

- a. June 5th
- b. March 23rd
- c. June 23rd
- d. March 5th

When a person laughs too much, even on stupid things, that person is sad deep inside.

General knowledge!



The mighty Mount Everest was first measured in 1856 at 8840m tall then adjusted to 8848m in 1955, which is still the official height stated by the Nepalese government. There is a discrepancy as the Chinese declare the height of Mount Everest as 8844m. Now answer this

Who was the first human to Climb Mount Everest without Oxygen?

- A. Reinhold Messner and Peter Habeler.
- B. Edmund Hillary and Sherpa Tenzing Norgay.
- C. Edmund Hillary.
- D. Sherpa Tenzing Norgay.

Click the picture to view Mount Everest in 360°

Maze!

I am glad that you are there to help me



Facts!

1. Black bears can run at speeds of up to 35 miles per hour.
2. Human fingers do not contain muscles. The muscles that move them are in the palm and forearm.
3. In 2009, Google used 200 goats to clear weed and brush at its headquarters in Mountain view, California.
4. The kangaroo rat can live its whole life without drinking water.
5. In the early Roman calendar, March was the first month of the year.

Did you know?

1. The current America flag was designed by a 17-year-old boy.
2. Glaciers and ice sheets hold about 69 percent of the world's freshwater.
3. The best place in the world to see rainbows is in Hawaii.
4. Mount Everest is bigger now than the last time it was measured.
5. North Korea and Cuba are the only places you can't buy Coca-Cola.
6. More people visit France than any other country.

Dear Readers,

You can fill our weekly newspaper with your own creativity. Articles, Poems, Short Stories, Jokes, Riddles, Sketches etc., make the newspaper more interesting. Answers of the puzzles, GK and feedback may be sent to (kymbkdaybreakweekly@gmail.com), with your name, class and section. Your articles may be sent to the same email ID in DOCX/ JPG formats.

Thank you

Last week's answer!

Riddles- 1. clock 2. Letter "F"

Jumbled words- 1. party 2. listen 3. cool 4. Head phone 5. honest 6. Speaker 7. College

GK- 1.D) earth

Math magic- 1. Turn it upside down. $108 = 6 \times 18$.

ARTIVITY



By Ahbinav 8b



By R. Trishanth 7c



By Saghana 7c



By N. Devasree 7c

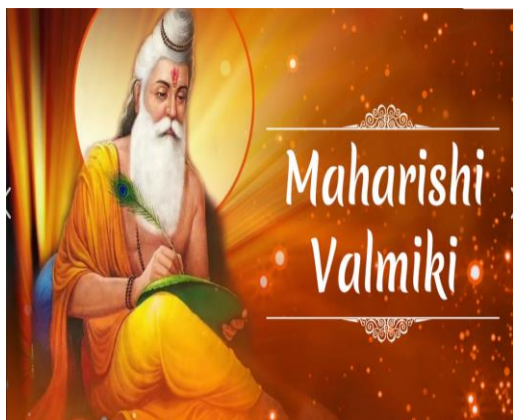


By Akshitha. S



By Akshara 8c

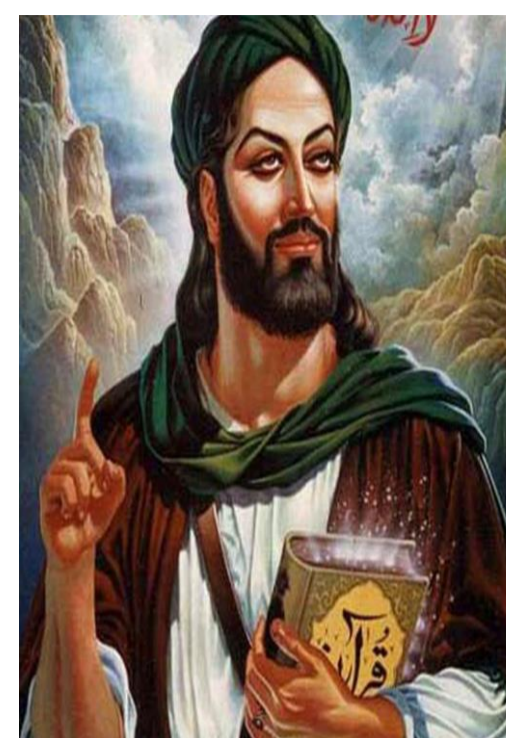
MAHARISHI VALMIKI JAYANTHI



People will hold the portrait or statue of Maharishi Valmiki on a palanquin and take out the procession singing his verses from Ramayana. In Punjab, Valmiki Jayanti is celebrated as Pragas Diwas. In some places as in Sangrur, the Sobha Yatra has already been taken out on Friday, 11th September. Maharishi Valmiki lived around the same time as Lord Rama, around 500 B.C. though his exact date of birth is not known as is the case with Lord Rama, and still remains a matter of debate for historians and religious masters. However, his birth anniversary is celebrated on Ashwin Purnima (full moon in Ashwin month) as per the Hindu Lunar calendar, usually falling in the Gregorian calendar months of September-October. Valmiki Jayanti is an ancient Hindu festival which is being celebrated, since thousands of years. Maharishi Valmiki was a contemporary of Lord Rama who lived around 500 B.C, during which he composed the first Hindu religious epic Ramayana in Sanskrit. As more and more people recognized his work, his fame as a literary genius grew. However, the date when the custom of celebrating Maharishi Valmiki Jayanti actually began, is not known. It probably began at different times in several places, but was invariably observed on the same day i.e. full moon day in the Hindu calendar month of Ashwin (Ashwin Purnima). The oldest temple dedicated to Valmiki at Tiruvanmiyur in Chennai is 1300 years old, which reaffirms the fact that Maharishi Valmiki Jayanti had achieved divinity thousands of years ago and his anniversary is being celebrated since then. Some considered Valmiki to be belonging to lower caste and hence started venerating him as someone who disbanded casteism and achieved impossible. Maharishi Valmiki was an Adi kavi, meaning first ever ancient poet. He was the one who gave birth to Sanskrit literature and composed the most significant religious epic of Hindus - Ramayana, which constituted of 24000 shlokas and 7 kandas. The celebration of Valmiki Jayanti commemorates his literary genius and religious contribution. Maharishi Valmiki Jayanti is of special significance to the students, teachers and learners. Valmiki is seen as a literary genius and a Hindu ascetic, whose worship brings wisdom and knowledge. His life incidents are an inspiration for the people and teach them to dismiss unrighteousness and devote their life to meditation and learning.

"Maharishi Valmiki Jayanti" is mainly celebrated by the people belonging to "Valmiki" (Also called Balmiki) to commemorate the birth of Maharishi Valmiki. The Valmikis claim to be the descendents of Maharishi Valmiki, who is credited for being the harbinger of Sanskrit Literature and also for being the first ever Sanskrit poet. "Maharishi Valmiki" composed the ancient Hindu epic Ramayana, sometime during 5th to 1st Century B.C. Maharishi Valmiki was recognized as a literary genius and the fact that he composed one of the Hindu religion's most read and revered epic - Ramayana; his jayanti (anniversary) is celebrated by the whole Hindu community irrespective of caste or creed. Maharishi Valmiki Jayanti is celebrated as "Pargat Divas" in the western state of Punjab. Maharishi Valmiki Jayanti in 2019 will be celebrated on Sunday, 13th October. Valmiki temples throughout India are being washed and decorated with lights and flowers for the occasion. Verses from Ramayana, the epic creation of Valmiki, will be recited by the devotees. Special preparations are under way at the Thiruvanmiyur temple in Chennai, where a shrine dedicated to the sage is built. Many temples will offer free community lunch as Prasad to the poor and needy or to everyone who attends. Sobha Yatra or street procession will take place to commemorate the birth day of Maharishi Valmiki.

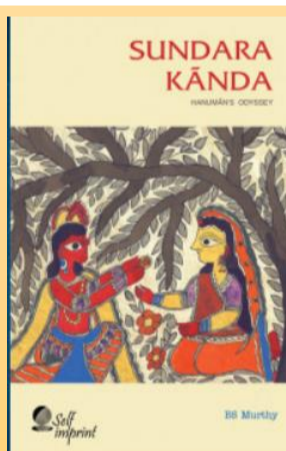
MILAD-UN-NABI



Eid Milad-un-Nabi is celebrated as the birth and death anniversary of Prophet Mohammad. It shall be commemorated on Friday, 18 October, till the next evening of Saturday, 19 October. Eid Milad-un-Nabi falls in the month of Rabi-ul-Awwal, which is the third month of the Islamic lunar calendar and is also known as *Nabid* and *Maulid* in colloquial Arabic. However, different sects of Islam celebrate the Prophet's birthday on different dates of the month. Muslims from the Sufi or Barelvi school of thought celebrate the birth anniversary as Eid Milad-un-Nabi or Eid-e-Milad. Sunni Muslims commemorate this day on the 12th of the Islamic month of Rabi-ul-Awwal. The Shia community observes it on the 17th day of Rabi-ul-Awwal. Public gatherings customarily take place to mark this day. Religious congregations are also observed where leaders enunciate the teachings of Islam and the life of the Prophet by focusing on his teachings, sufferings, and his forgiving nature. However, while this day marks the birthday of Prophet Muhammad, its celebrations are usually not very extravagant as it also marks the death anniversary of the Prophet. Prophet Muhammad is believed to be born in around

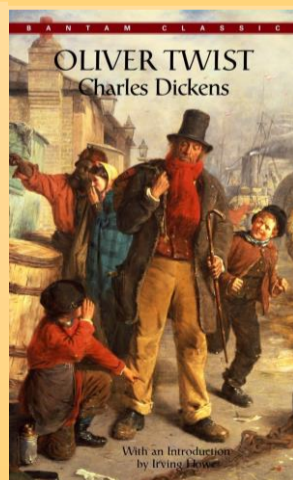
570 CE in Makkah, Saudi Arabia. He is considered as the last messenger of Allah and held in much love and reverence by all Muslims across the globe. In the 8th century, this day became popular when the prophet's house was transformed into a house of prayer by Al-Khayzurani. In the 11th century, 'Mawlid' or 'Nabid' was celebrated by the leading clan of Egypt who marked the day with prayers and recitation of the verses of the Holy Quran. It is also a popular belief that Prophet Muhammad's birthday was initially observed by the Fatimids and dates back to the early four Rashidun Caliphs of Islam. However, the present form of celebrations of the day of *Mawlid* started in the 12th century when countries like Syria, Turkey, Morocco, and Spain started to commemorate this day.

READER'S PARADISE

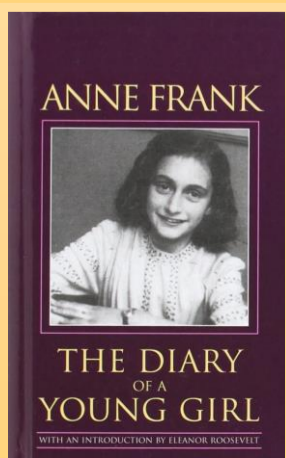


The Sundara kanda is the beautiful chapter from the Ramayana, which is a divinely inspired Indian epic. Ram has lost his wife Sita, and on his search for her, he meets a whole host of monkeys and bears who assist him in his search.

By Charles Dickens, Oliver Twist is about an orphan named Oliver who struggles to remain good in a society that does not offer any help. Oliver Twist is born in the 1830s in a certain workhouse in England



The Diary of a Young Girl, also known as the diary of Anne Frank, is a book of the writings from the Dutch language diary kept by Anne Frank while she was in hiding for two years with her family during the Nazi occupation of the Netherlands.



NASA'S ORION SPACECRAFT PREPARES FOR LAUNCH ON ARTEMIS I MISSION



The widely anticipated Artemis I mission is set to launch in January 2022, marking NASA's return to planned lunar missions, which itself is marked by symbolically naming the missions Artemis, the mythological twin of Apollo, for whom the previous lunar missions were named. No humans will be on board the Orion when it launches, but rather three non-human mannequins. The first, a full human stand-in named Commander Moonikin Campos following an online poll, will make sure the spacecraft itself is safe for humans. A mockup of NASA's Orion spacecraft. (credit: Wikimedia Commons) The other two are female-bodied model human torsos known as phantoms. Named Zohar and Helga by NASA's partners in the mission, the Israel Space Agency (ISA) and German Aerospace Center (DLR) respectively, their job is to take part in the Matroshka AstroRad Radiation Experiment (MARE), which will provide data on radiation levels in lunar missions as well as testing the usability of the AstroRad vests. The vests have already been sent to the International Space Station for the Comfort and Human factors AstroRad Radiation Garment Evaluation (CHARGE) study meant to test the vest in a microgravity environment. This study will help improve the vest's fit and function. Having been made in partnership between an American and Israeli company, the vest proudly displays the flags of both countries. Both tests are being conducted by NASA in partnership with the Israel Space Agency (ISA) and could see the AstoRad become a critical component for NASA's future space exploration plans.— NASA's Exploration Ground Systems (@NASAGroundSys) October 19, 2021 The vests, made by Tel Aviv-based company StemRad in partnership with aerospace and defense giant Lockheed Martin, were designed as personal protective equipment to shield astronauts from space radiation exposure outside the Earth's magnetosphere.

KNOW YOUR PUBLISHING TEAM



R. Trishanth from Class VII C is an Editor for drawing and an editor for the 3rd page in Weekly Newsletter. His hobbies are drawing, solving Rubik cube's, listening to music. He is also interested in working with computer. He loves playing games like word search, maze, etc. "The reason why I wanted to be a part of The Day Break Weekly, is because I like to learn new things. I see and learn many new things while collecting and correcting the articles. It helped me to understand many things and I hope that many people will gain knowledge too. The reason why I chose to be the editor of the 3rd page is because it helps gaining knowledge in a fun and entertaining way. I am grateful and I thank The Day Break Weekly team for giving me this opportunity for a great learning process." This was his reply, when asked about the reason and his experience in working with The Day Break Weekly team.