



# THE TIMES OF INDIA

[www.toistudent.com](http://www.toistudent.com)
**TODAY'S  
EDITION**

➤ Know the story behind the usage of idiom 'Make bricks without straw', and much more in 'Wizard's Corner'

**PAGE 2**


➤ As we take a step towards healing the Earth, an NIE reporter highlights the importance of trees for the mankind

**PAGE 3**

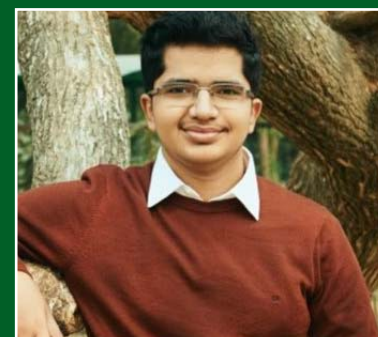

➤ A look at top 5 bowlers who can make a difference in the India-SA series

**PAGE 4**

**STUDENT EDITION**

FRIDAY, DECEMBER 24, 2021

**THE  
NIE**  
Newspaper  
Education

**Quote  
unquote**


The climate movement in India is mostly restricted to the cities, that is why it is being led by the privileged section of the society. The lack of awareness is among the topmost reasons as to why it is not inclusive of all the classes and communities in India. In the developed countries, governments listen to the masses. Here, it is not the case. For example, crores of money are being spent on the installation of smog towers in Delhi, but they are not effective. I believe that if the problem of air pollution becomes a voting issue, only then something can be done about it.

**Aditya Dubey, 18-year-old climate activist and winner of Diana award, which honours young people who work to improve the lives of others**

**CLICK HERE: PAGE 1 AND 2**
**NASA gears up to launch a \$10 bn machine that allows humans to peer back in time**

## James Webb Telescope: The most-powerful space telescope ever built

On December 24, an Ariane 5 rocket will take to the skies from Arianespace's ELA-3 launch complex near Kourou, French Guiana. Its payload will be one of the most-precious pieces of cargo humanity has ever sent to space – the \$10 billion James Webb Telescope (JWST) – a device with the potential to markedly transform our conception of the early universe. With the ability to peer deep into the endless abyss (and effectively billions of years into the past) and reveal some of the earliest stars and galaxies to have ever formed in the universe, the JWST will allow us to understand how cosmic phenomena in our own backyard came to exist.

Although often described as a replacement for the Hubble Space Telescope launched in 1990, the JWST has some important differences and will, at least for the time being, work alongside Hubble to help astronomers unravel the mysteries of the cosmos. When Hubble was launched, it expanded our view of the universe, providing us with dazzling images of galaxies that appeared too faint to see with the naked eye.

### FEATURES

**1** The JWST will allow scientists to see much farther out into space than Hubble. It can, reportedly, see objects 10 billion times fainter than the faintest of stars visible without a telescope, and thousand times fainter than what Hubble picks up

**2** Unlike Hubble, the telescope will not orbit the Earth. Instead it will orbit the sun, around 1.5 million kilometres away from the Earth, at what is called the second Lagrange point, also known as L2

**3** Webb will not sit stationary at the L2 orbit point. Instead, it will also move in another smaller orbit, roughly similar in size to the Moon's orbit around the Earth, which takes about six months

### HOW IT WILL WORK

■ The telescope will be tightly folded inside the payload bay of an Ariane 5 rocket ■ Once in space, it will separate from the launch vehicle and begin its journey towards the orbit point ■ After being released from the rocket, Webb will gradually unfurl as it travels to its destination beyond the Moon, executing

one of the most-complex deployment sequences ever attempted ■ One of the goals of the telescope is to look back through time to when galaxies were young. Webb will do this by observing distant galaxies that are over 13 billion light years away from the Earth



### NEWS IN CLUES

**Who's the first cricketer to become a concussion substitute in Test cricket?**

**CLUE 1:** The 27-year-old was born in Klerksdorp, South Africa.

**CLUE 2:** He was named as the Emerging Cricketer of the Year by the International Cricket

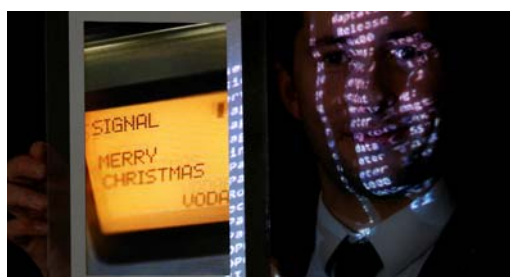
Council last year.

**CLUE 3:** Count Glamorgan, Queensland, Brisbane Heat and the Australian national side are some of the major teams he has played for.

Answer: **MARNUS LABUSCHAGNE.** The Australian middle-order batsman has dethroned England captain Joe Root from the No. 1 spot in the ICC Test rankings for batsmen, following his good performances in the first two Ashes Tests. Indian Test skipper Virat Kohli slipped a notch to be placed seventh, while newly-appointed limited-overs captain Rohit Sharma, who will miss the South Africa Test series due to a hamstring injury, remained fifth.

**World's first SMS, reading 'Merry Christmas', sells for over 100,000 euros as NFT in auction**

The first text message ever sent, reading 'Merry Christmas', was sold on Tuesday for 107,000 euros (\$121,000) as a 'Non-Fungible Token' at a Paris auction house. The text, which was sent on December 3, 1992, was put up for auction by the British telecom company Vodafone. Vodafone engineer Neil Papworth sent the SMS from his computer to a manager in the United Kingdom, who received it on his 2-kg 'Orbiter' telephone, similar to a desk phone but cordless and with a handle.

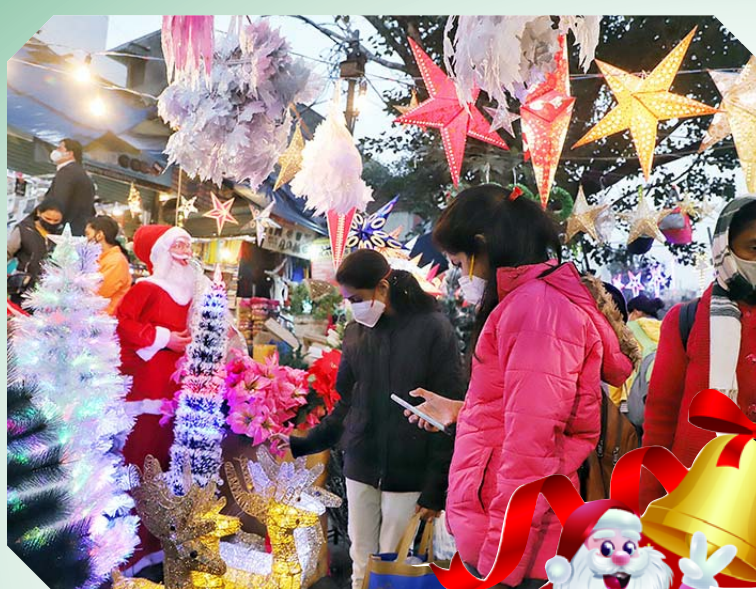


■ Non-Fungible Tokens, or NFTs, are a type of digital asset that has surged in popularity this year, with NFT artworks selling for millions of dollars ■ Traded since around 2017, these digital objects, which encompass images, video, music and text, exist on blockchain, a record of transactions kept on networked computers. Each NFT has a unique digital signature

**World's first science-Sanskrit film to depict 'Mangalyaan' saga**

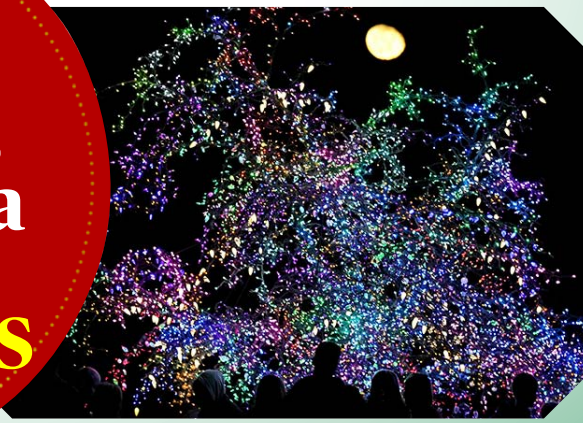


Don't be surprised if you find tough space exploration theories and technical jargons relating to rocket science being used in Sanskrit, the ancient language of Vedas and mantras, in a film. A science documentary in the classical language, considered to be the first such initiative in the world cinema, will soon enthral movie buffs with the success story of India's historic 'Mars Orbiter Mission' (MOM) alias 'Mangalyaan'. National award-winning filmmaker Vinod Mankara, known for his efforts to revive Sanskrit, which is generally considered a dead language, is coming out with the innovative docu film. Titled 'Yaanam', the proposed 45-minute movie is based on 'My Odyssey: Memoirs of the Man Behind the Mangalyaan Mission' penned by former ISRO chief K Radhakrishnan.



The month of December brings with it the perfect mix of chilly weather, good vibes, the promise of cheerful times, and an appreciation for the little things in life. This Christmas, be merry and usher in the celebrations with gratitude by taking a moment to thank your near and dear ones..

**Times  
NIE  
wishes  
you all a  
MERRY  
CHRISTMAS**



**THE TIMES OF INDIA**

**ONLINE TOI  
STUDENT EDITION**

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**CELEBRATE THE  
SEASON OF GIVING**

It's that time of the year again... and we are celebrating the real meaning of Christmas: the joy of giving

**WHAT TO  
EXPECT**

- STUDENTS AND TEACHERS ON THEIR IDEA OF A PERFECT GIFT AND THE JOY OF GIVING
- CELEBRATE REAL-LIFE SANTAS
- CHRISTMAS MOVIES
- CHRISTMAS BOOKS
- HAPPY TUNES
- CHRISTMAS AROUND THE WORLD
- CHRISTMAS FEASTS FROM INDIA
- TRIVIA
- AND MORE

MARK YOUR DATE | **DECEMBER 25, 2021**

**COLLECTOR'S EDITION**

Don't miss the 'Exciting Festive Edition' on this special occasion

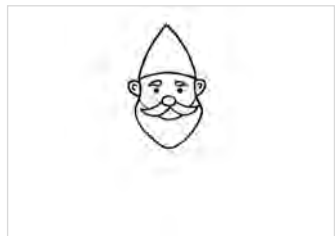


## LEVEL-1

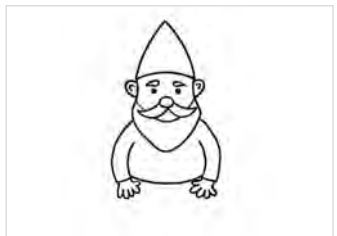


**ANAGHA SASTIKAR**  
Art Educator  
Bodakdev School For  
Children, Ahmedabad

## Draw the easy way



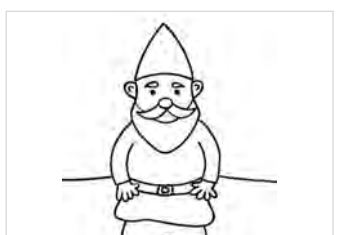
Step-1



Step-2



Step-3



Step-4



Step-5



Step-6



## 1) XEERUTT

- a. Exercise b. Texture  
c. Village d. Superiors

## 2) TSEGAOH

- a. Discharge b. Hospital  
c. Hierarchy d. Hostage

## 3) HACENIM

- a. Window b. Machine  
c. Tubelight d. Teaser

## 4) EATMCJIS

- a. Mechanics b. Muscular  
c. Majestic d. Mesmerising

Answers: 1) b, 2) d, 3) b, 4) c

## Riding with the Riddle

SIDDHARTHA KOTHARI,  
class X, St Joseph's Boys' High School,  
Bengaluru

*I am a soft, fluffy staple fiber. I am white in colour. I'm a very famous Cash Crop. Huge Industries turn me into attractive products. My fiber is most often spun into yarn or thread and used to make a soft, breathable, and durable textile.*

Answer: Cotton

## CHRISTMAS CLASSICS

SURYAKUMARI DENNISON, teacher, Aavishkar Academy, Bengaluru



**3** In a story by Dr Seuss, the creature who tries to steal Christmas is the

- A) Grinch B) Gorgon  
C) Ghost D) Griffin

**4** Not in Clement Clarke Moore's 'The Night Before Christmas' is a reindeer called

- A) Dancer B) Dasher  
C) Dollar D) Donner



**5** The TV Special, 'A Charlie Brown Christmas', is based on the comic strip

- A) Walnuts  
B) Groundnuts  
C) Chestnuts  
D) Peanuts

## Quiz TIME



Complete these statements on Christmas poems and stories. Choose correctly!

**1** 'Hercule Poirot's Christmas' is by

- A) Arthur Conan Doyle  
B) Agatha Christie C) Ruth Rendell  
D) Raymond Chandler

**2** The miser in Dickens' 'A Christmas Carol' is

- A) Bob Cratchit  
B) Nigel Fezziwig  
C) Ebenezer Scrooge  
D) Tiny Tim

Answers: 1) B, Agatha Christie 2) C, Ebenezer Scrooge  
3) A, Grinch 4) C, Dollar 5) D, Peanuts

## LEVEL-2

## Idiom-etrics

SURYAKUMARI DENNISON, teacher, Aavishkar Academy, Bengaluru

(Choose the idiom that best suits the situation)

Everyone wondered why Meera was participating in the painting competition. They had never seen her draw anything, and felt she was wasting her time. When the entries were finally displayed, Meera's beautiful portrayal of a spectacular sunset left staff and students speechless. "This is amazing, Meera!" exclaimed a teacher. "None of us knew of your aptitude for art. Your secret skills have come as a big surprise."

- A. Hobby horse B. Stalking horse  
C. Dark horse

Answer: C

Mohan was ill equipped to head the Drama Club because he had never read a play in his life.

- A. Make bricks without straw  
B. Drop a brick  
C. Hit one's head against a brick wall

Answer: A

## TRIVIA

In the biblical account of the bondage of the Israelites in Egypt, Moses urges Pharaoh to set his slaves free. Instead, Pharaoh imposes a heavy burden on them. "You shall no longer give the people straw to make bricks as before," he commands the taskmasters. "Let them go and gather straw for themselves." Therefore, the idiom 'make bricks without straw' means to attempt to do something without the required resources.

## EDITOR IN THE MAKING

## WEAVE A STORY WITH HEADLINES

Include some of these headlines to make a story and give it a title. Mail the story to us at [toinie175@gmail.com](mailto:toinie175@gmail.com). The interesting one will be published in the edition. Watch out for this space!!!

## The headlines:

- 1) Biden welcomes a new puppy to the White House
- 2) Joumou pumpkin soup gets cultural heritage tag
- 3) Bajranghi Bhaijaan once again
- 4) Can Mamata do her magic in Goa?

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**And the winner is...**  
**ANJALI DESAI**  
class IX, St Xavier's, Ahmedabad

## HAPPY HAPPY WORLD!

Beauty lies in the eyes of the beholder, but then, we do have beauty contests and I am happy that one I liked the most, is Miss Universe 2021. What a delightful start of the day as I rushed to catch the school bus. On the way, I saw huge piles of plastic waste. Despite aggressive campaign of "Say no to plastic", this waste piled up roadside bothered me.

On reaching school, I shared my concern with my friends and one of them shared that "Plastic waste sculpture museum to come up near Bengaluru". She added, "This can be replicated in every city." Soon, Chemistry teacher entered the class and seeing worried look on my face, she thought I have Chemistry fear. She said, "Be diligent to bond with Chemistry."

After a long but a fruitful day at school, I came back home to find more joy as my father and brother were delighted as they shared the news in the Times of India that "Going Dutch! F1 gets a new world champ!!!"



## NUMBER SERIES

**1** Who is the Father of Mathematics?

- A) Girolamo Cardano B) Archimedes  
C) Georg Cantor D) John Horton

Answer: B

**2** Who discovered Zero (0)?

- A) Paul Erdős  
B) John Horton Conway  
C) Aryabhata, AD 458  
D) Terry Tao

Answer: C

**3** The average of first 50 natural numbers?

- A) 66 B) 29.7 C) 2.5 D) 25.5

Answer: D

**4** When is Pi Day celebrated around the world?

- A) January 14 B) February 14  
C) March 14 D) April 14

Answer: C

**5** The value of Pi?

- A) 5.78278 B) 3.14159  
C) 7.09072 D) 1.65488

Answer: B

**6** Value of cos 360°?

- A) 1 B) 2  
C) 3 D) 4

Answer: A



## Learn a NEW LANGUAGE

GERMAN

1) Ich heiße ...

Meaning: My name is ...

2) Sprechen Sie Englisch?

Meaning: Do you speak English?

3) Wie heißt du?

Meaning: What's your name?

4) Wie geht es dir?

Meaning: How are you?

5) Gut, danke

Meaning: Fine, thank you

## Work sheet

**Q:1** How will you tell your name?

**Q:2** How will you ask someone his name?

**Q:3** How will you ask, "How are you?"

**Q:4** How will you express your gratitude and inform that you are fine?

Answers: 1) Ich heiße Andreas 2) Wie heißt du? 3) Wie geht es dir? 4) Gut, danke