

# THE TIMES OF INDIA

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IT'S  
HERE

Launching today:  
A super double-page  
weekender issue to  
**challenge**  
your inner genius

Tell us, **who decides**  
nutrition for astronauts in space?  
Spoiler alert: This week, it's YOU!

Be a cool anthropologist and figure out your family tree going back five generations!

Be a Picasso and let **your art** do the talking

**Show us** how you mastered poetry

**MORE BONANZA:** We plan to do this every Wednesday and Friday! Let us know your feedback at [timesnie175@gmail.com](mailto:timesnie175@gmail.com)

STUDENT EDITION

FRIDAY, APRIL 10, 2020



WEB EDITION

## Voice apps... I AM BORED. HELP ME!

Here are all the ways a smart voice assistant app can entertain/ educate you

### Ask questions

Instead of running to your parents to ask them the questions that pop up in your curious mind or for that matter a research project that your teacher asked you to do during lockdown, ask your "virtual assistant." "Please tell me, which is the largest tropical forest in the world", "what is the full form of COVID-19"? are a few examples.

### Working out

If you are running from room to room because you have too much pent-up energy, let your assistant give you workout ideas. Just

pick a routine that best suits you. This should give your energies a productive outlet.

### Please note

Voice assistant apps can help you keep track of important things; make your life easier and indulge in all the questions you might have. There are quite a few for Android OS including Robin, Cortana, Google Now, AVC (Alice). Try these over the weekend...

### Storytelling

If you like listening to stories, entrust the responsibility to these smart apps. They

### Workout for the mind

Voice apps have many games that can keep you engrossed. Just say: 'let's play a game' and choose from a list of memory, riddles, word, or even number guessing games

can read you a bedtime story. And if you have a favourite character - like a Harry Potter or Elsa - ask your virtual assistant for more fun facts on them.

### Speaking a new language

If you love to talk and learn something new... ask for a sentence to be translated into French, Spanish or any other language. Have fun discovering many languages.

### Math made fun

Not too fond of the subject? It is time to try something new. Just say: "Make maths fun..." to your voice assistant and play a game of addition, subtraction, division, multiplication, comparison, among others. Get scores and track points too!

### Make a schedule

While it is not easy to think of something new to do every day, you can now create a routine on your app. So, make yourself a schedule and have a fun time learning new things.

## READY FOR 'ONLINE CLASSROOM' ETIQUETTE?

Pallavi.shankar@timesgroup.com

Classrooms have shifted to homes in the lockdown life that students are now living. This transition from a structured school environment to learning from home is not easy and requires adjustment and discipline. Here's how children across the country can make e-learning classes work for themselves.



and sharing inside jokes in your free time," adds Semwal. When the class is on, focus on the subject being taught and pay attention to what the teacher is saying. Overall, enjoy this phase and continue learning while being helpful to each other.

### Be on time

You should be ready on time, around 10 minutes before your virtual classroom begins. "Be well groomed for the class, as you used to be for your school classroom. Download necessary software and have essentials like your notebook, books, pen, pencil, etc., on your study table," advises Kailash Semwal, a Hyderabad-based teacher who is teaching school students online these days.

### Give everyone chance to talk

Some students are quiet and some more talkative. As part of an e-learning class, make sure you are letting your classmates speak and not dominating any discussion. Everyone deserves to be heard. It's great to be enthusiastic but let it not deprive others of their chance to express themselves.

### Steer clear of distractions

Have a clutter free area as your home classroom so that there are no distractions while the class is on. Try not to have your younger siblings or pets around while you are attending the class

### Brevity is the key

While participating in virtual discussions, keep your questions and answers short and on-topic. "Online classroom has its limitations, so plan and put forward your points clearly - one by one," suggests Ruchi Singh, a parent

### Take online classes seriously

Students will understandably be excited to see their friends online. "This experience is new - try not to giggle, laugh and joke when you see your classmates. Contact your friends for chatting

### Being inclusive

"Teachers should be mindful of paying attention to introvert students who take time to open up, especially in new and stressful situations - the kind we are facing now in the wake of coronavirus," says Riya Ghosh, parent of a Gurgaon-based tween trying to have himself heard in a sea of voices in his virtual classroom.

## Pollution in Ganga has dropped due to Covid-19 lockdown

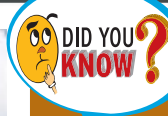
With industries shut and people staying home, the quality of Ganga river water has witnessed a significant improvement of around '40 to 50 per cent' since March 24, the day when Prime Minister Narendra Modi announced a 21-day lockdown

in the wake of the coronavirus pandemic. "1/10th of the pollution in Ganga river comes from industries. As industries are shut due to lockdown, the situation has become

better. We have seen 40-50 per cent improvement in the Ganga. It is a significant development," Dr PK Mishra, Professor at Chemical Engineering and Technology, IIT-

BHU said. "Due to rainfall on March 15-16 in areas where Ganga flows, the water level has also increased, which means that its cleaning capacity has also increased. There is a considerable improvement if we look at the pre-lockdown period and after March 24," he added.

We have seen 40-50 per cent improvement in the Ganga. It is a significant development...



## HOW VIRAT KOHLI GOT HIS NICKNAME

Few cricket fans know Virat Kohli's nickname in the team dressing room is 'Cheeku'. Had it not been for former captain MS Dhoni popularising it from behind the stumps, chances are that we may have never known it at all. "I got this nickname from a coach in the Ranji Trophy. I used to have big cheeks then (in 2007). I also thought I was losing hair. I got my hair cropped and my cheeks and ears stood out. I got the name from a cartoon character, the rabbit in the comic book Champak," Kohli said, while talking to former England batsman Kevin Pietersen on an Instagram live video recently.



**INCUBATION:** The incubation period is the time it takes for symptoms to appear after a person is infected.

**PANDEMIC:** An epidemic that has spread over several countries/continents, usually affecting a large number of people.

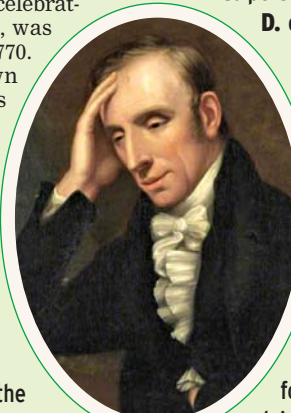
## TERM OF THE DAY

**Martian Address**  
Martian address is an invalid IP address. Martian addresses cannot be routed and are either spoofed by a hacker or not allocated to a network!

## TEACHER TALK

**Frolicsome Flowers**  
Suryakumari Dennison, Teacher, Aavishkar Academy, Bengaluru

William Wordsworth, who famously celebrated nature, was born on April 7, 1770. In his best-known poem, he recounts an enriching experience in his beloved Lake District. Answer each of these questions on 'Daffodils' (from 'Treasure Trove') by choosing correctly from the four options.



3. What figure of speech is, 'Tossing their heads in sprightly dance'?

- A. metaphor
- B. simile
- C. personification
- D. onomatopoeia

4. Which word in the poem suggests that the daffodils are near water?

- A. basin
- B. bridge
- C. bay
- D. brook

5. How many daffodils does the poet claim to see?

- A. 10
- B. 100
- C. 1,000
- D. 10,000

- 1. Which word does the poet use to describe the Daffodils?
- A. glowing
- B. golden
- C. beaming
- D. beautiful

- 2. Which word does the poet use to describe himself?
- A. lonely
- B. lazy
- C. loyal
- D. lively

ANSWERS

- 1) B. golden
- 2) A. lonely
- 3) C. personification
- 4) C. bay
- 5) D. 10,000

## OUR CHALLENGE: WRITE A MOVIE REVIEW IN 60 WORDS...

### WE SHOW YOU HOW!

**The Wizard of Oz.**  
'The Wizard of Oz' (1939) is a classic because of its stunning special effects. The story is about adventures of a little girl and her dog who unravel insecurities of childhood in a comic, musical way. The curiosity of a child along with yearning of her home portrayed beautifully in this one.

### CHALLENGE ACCEPTED BY:

**Searching (2018)**  
David files a complaint to find his missing daughter Margot. However, he uses the one thing Margot left behind to unravel the hidden truth - her laptop. This movie is a thrilling mystery and provides a deep insight into the world of cybercrime. Ideal for older kids and teenagers exposed to the world of the Internet, the movie imparts several lessons on the way and provides a thrilling atmosphere at the same time!  
- NEHA VARADHARAJAN, Class 9, The Orbis School Keshavnagar



### WHAT WE LEARNT THIS WEEK?

#### How to write clearly and concisely

You should use no more words than necessary to convey your meaning clearly. In

some cases, the more words you include, the harder it is for the reader to extract your meaning.



#### Remember to...

- Stay on topic
- Avoid wordy verbs
- Avoid expletive

#### constructions

- Avoid low-value phrases
- Check for redundant words and phrases

### BOYHOOD

The movie traces the life of Mason and how it revolves around his parents and naughty sister with whom he is always fighting. It shows the transition in Mason from a child (6-year-old) to an adolescent, and later, to an adult. The film shows how learning evolves with the way we grow.

- VANSHIKA ATRI, Class IX, KIIT World School, Pitampura Delhi

### SECRET SUPERSTAR

This is an inspiring story of a 15-year-old girl's journey towards achieving her dream to become a singer. It portrays different shades of life, like struggle, courage, friendship, determination, etc. What I liked about the film is the "come-what-may-never-give-up attitude". Even though the protagonist's father never encouraged or supported her, she never lost hope on her-

self and to fulfil her dream. I didn't like the scene where she secretly bunked school and went to Mumbai for a song recording without informing her mother. That was too risky!

- G.AMNAAYA, Bharatiya Vidya Bhavans Public Sch, Vidyashram

### CONTAGION

The movie released in 2011, was about the SARS virus, which affected 26 countries. To make us understand the situation, director Steven Soderbergh substituted SARS with the name MEV-1. To our surprise, it is the same situation we are facing today because of COVID-19. I would like everyone to watch this movie because of its relevance. Watch and learn the ways through which the virus spreads and how we should react if we are infected by it. 'Contagion' puts across the feeling of panic and how one should avoid it.  
- LESHMITHA.B.S, Class X, Jain Vidyashram, Puzhal, Chennai





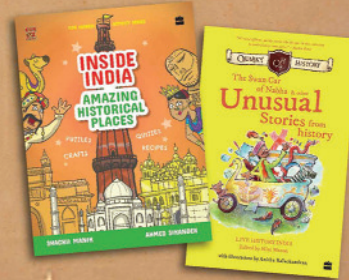
FUN-ZONE

Draw a family tree.  
With the help of the people around you,  
fill in the names of your family members.  
Where does everyone live?  
You can draw pictures of them too!

What's the most interesting historical fact you can find about the state/city where you currently live?  
Are there historical monuments near you that you can plan to visit in the future?

Pretend you're from the future – say, 100 years from now. If you had to write an account about the 'historical period' 2019-2020, what would it look like? How would you describe people's behaviour, style of clothing, interests, modes of transport, ways of communication, and important events?

Check out a few of our favourite books on INDIAN HISTORY



Created by HarperCollins Children's Books India



WHERE THE MOST AMAZING THINGS ON EARTH LEAVE EARTH, LOOK UP

Space Nutrition

NAME: \_\_\_\_\_

One challenge NASA scientists face is providing a balanced, nutritious diet for astronauts. Crews on the International Space Station or even as far away as the Moon can be resupplied with food from Earth in a matter of days. When traveling to another planet, however, a crew must either pack enough food for the entire journey (and the trip home!) or find a way to produce food during the mission. With our current technology, it takes about six months to get to Mars and we will stay there for several months. How much food needs to be packed for such a trip?

1. Calculate how much food you eat on a typical day. Keep a record of everything you eat for one day and use that to calculate your total grams of food per day. (Don't include water, just food.) HINT: Look at food labels to figure out how many grams are in a serving and what the serving size is.

grams per day (g) = \_\_\_\_\_

2. At this rate, how much food would a crew of four need for a six-month one-way trip to Mars? Hint: Assume the trip begins on January 1<sup>st</sup> and it is not a leap year.

number of days (d) = \_\_\_\_\_

number of astronauts (a) = \_\_\_\_\_ g X d X a = \_\_\_\_\_ kilograms

3. How much food would this crew need for a two-year Mars mission? \_\_\_\_\_ kilograms

4. According to the book "Space Nutrition," how many of your calories should come from carbohydrates, how many from fats and how many from proteins? Hint: Read pages 46-47. Color in the pie chart and the key to show these amounts.

calories from carbohydrates = \_\_\_\_\_ %  carbohydrates  
calories from fats = \_\_\_\_\_ %  fats  
calories from proteins = \_\_\_\_\_ %  proteins

5. Label each of the foods below as a good source of carbohydrates (C), fats (F) or proteins (P). Some foods contain more than one kind of calories. Hint: Look at food labels to help you decide.

- \_\_\_\_\_ apple
- \_\_\_\_\_ bread
- \_\_\_\_\_ cheese
- \_\_\_\_\_ eggs
- \_\_\_\_\_ butter
- \_\_\_\_\_ fish
- \_\_\_\_\_ rice
- \_\_\_\_\_ chicken
- \_\_\_\_\_ pasta
- \_\_\_\_\_ beans
- \_\_\_\_\_ carrots
- \_\_\_\_\_ whole milk

BONUS: Play the game "Space Lunch," at NASA Kids Club. [https://www.nasa.gov/kidscube/flash-clubhouse/Space\\_Lunch.html](https://www.nasa.gov/kidscube/flash-clubhouse/Space_Lunch.html)

For more visit Kennedy Space Center

IDENTIFY THE PERSONALITY



This West Indies player retired from international cricket on October 25, 2018.

Answer: Dwayne Bravo, the all-rounder has played in 40 Tests for the West Indies, scoring 2,200 runs and picking 86 wickets in the format. He has played in the IPL.

Excerpted with permission from India in Space published by HarperCollins Children's Books India

MAKE A PINWHEEL GALAXY

A galaxy in your hand!

What you need

- Pinwheel Galaxy printout
- Pipe cleaner
- Ice cream stick or chopsticks
- Scissors
- Single hole puncher

The Pinwheel Galaxy is a spiral-shaped galaxy about 21 million light years away from Earth. Scientists call this swirling galaxy M101. You can find it in the constellation Ursa Major, or the "Big Dipper," in the Northern Hemisphere. With a nice, dark sky, you can see it with binoculars or a small telescope.

For those of us who can't see it in the night sky, we can have the next best thing: a Pinwheel Galaxy pinwheel!

What to do



1 Cut out the hexagonal shape for your galaxy pinwheel.



2 Cut along the white lines.



3 Punch holes in the white dots six around the edges and one in the center. You may have to fold the hexagon over to reach the center.



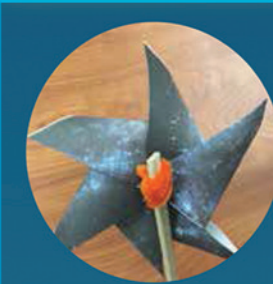
4 Turn the paper so it's face-down and thread the pipe cleaner through the center hole.



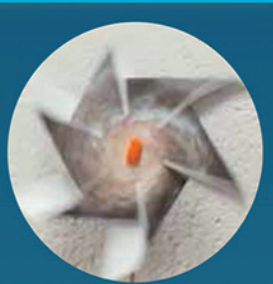
5 Going around the circle, fold each flap so the pipe cleaner goes through the hole.



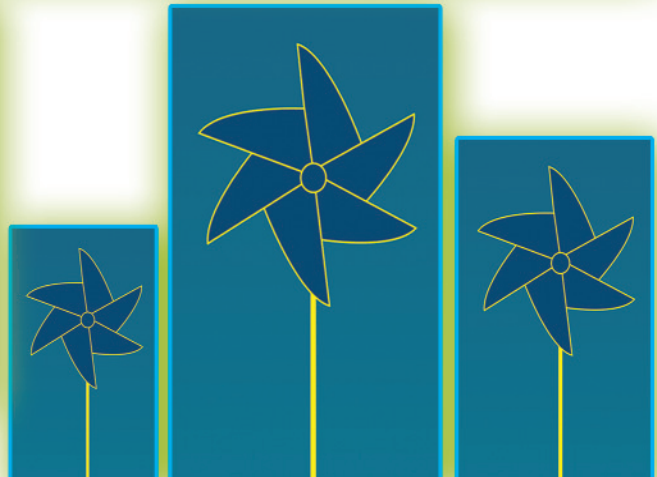
6 Tie a knot in the pipe cleaner to secure the front of the pinwheel.



7 Wrap the other side of the pipe cleaner around an ice cream stick. Don't make it too tight, or it won't be able to move.



8 Blow on it and watch the galaxy spin!



Quiz time

GENERAL

Gamya S, class IX, Hill Rock NPS, B'loru

Q.1) What is Pakistan's national language?

- A. Hindi B. Urdu C. Nauran D. Sindhi

Q.2) The metal whose salts are sensitive to light is?

- A. zinc B. silver C. copper D. aluminium

Q.3) Black soil is suitable for cultivation of which of these crops?

- A. sugarcane B. rice C. cereals D. cotton

Q.4) Name the main sacred text of Zoroastrianism.

- A. Bible B. Quran C. Bhagwad Gita D. Avesta

Q.5) Where is the Sharavathi hydro power plant located?

- A. Orissa B. Kerala



C. Andhra Pradesh D. Karnataka

Q.6) The deficiency of iron results in \_\_\_\_\_

- A. rickets B. malaria C. dental cavity D. anaemia

Q.7) Which governor general of India under British rule abolished the practice of Sati in 1829?

- A. Lord Clive B. Lord Curzon C. Lord William Bentinck D. Lord Dalhousie

Q.8) Who was the first woman President of India?

- A. Sarojini Naidu B. Pratibha Patil C. Indira Gandhi D. Vijaya Lakshmi Pandit

ANSWERS

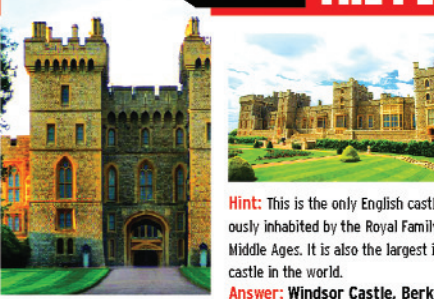
1. B) Urdu, 2. B) silver, 3. D) cotton, 4. D) Avesta, 5. D) Karnataka, 6. D) anaemia, 7. C) Lord William Bentinck, 8. B) Pratibha Patil

CURRICULUM EXERCISES

- Q.1) Who introduced implantable pace makers?  
A. Friedrich B. Chardack C. Both of the above  
Q.2) The use of artificial limbs is also known as  
A. external prosthesis B. hernia  
Q.3) Label the parts of the heart marked in the given image.  
Q.4) The process to employ artificial arteries is called  
A. vascular graft B. crown graft C. bud graft

Answer: (1) B) Chardack, (2) A) external prosthesis, (3) a. ventricle, b. superior vena cava, c. right ventricle, (4) A) vascular graft

IDENTIFY THE PLACE



Hint: This is the only English castle continuously inhabited by the Royal Family since the Middle Ages. It is also the largest inhabited castle in the world.  
Answer: Windsor Castle, Berkshire, UK

Mind teasers MATHS QUIZ

Q.1) Which of the following rational numbers is equivalent to 2/3?

- A. 3/2 B. 4/6 C. 4/9 D. 9/4

Q.2) What is three fifth of 100?

- A. 3 B. 5 C. 20 D. 60

Q.3) I am a number. I have 7 in the ones place. I am less than 80 but greater than 70. What is my number?

- A. 71 B. 74 C. 76 D. 77

Q.4) If Swathi's age is 27 years old in 2011. What was hers age in 2003?

- A. 20 years B. 17 years C. 25 years D. 19 years

Q.5) A family of four are travelling in a car. The speed of the car is 60 km/hr. What is the distance covered in 1 1/4 hours?

- A. 60 kilometres B. 65 kilometres C. 70 kilometres D. 75 kilometres

Q.6) Arrange the following numbers in order from least to greatest; -14.6, 159, 1.07, -1.295, 24.6.

- A. 1.07, -1.295, -14.6, 24.6, 159 B. -14.6, -1.295, 1.07, 24.6, 159 C. 1.07, -14.6, 159, 24.6, -1.295 D. -1.295, -14.6, 1.07, 24.6, 159

Q.7) If one side of a square is 35 m, then the area is ...

- A. 1225 m B. 1252 m C. 1225 m<sup>2</sup> D. 1252 m<sup>2</sup>

ANSWERS

- (1) B. 4/6, (2) D. 60, (3) D. 77, (4) D. 19 years, (5) D. 75 kilometres, (6) B. -14.6, -1.295, 1.07, 24.6, 159, (7) C. 1225 m<sup>2</sup>

Painters' Gallery



Shweta Kaul, class X, Holy Child School, Tagore Garden, New Delhi



Ritu Shukla, class XII, Urmi School, Vadodara, Gujarat



Shanaya Singh Yadav, class III, Manav Rachna International School, Mohali

NEW HORIZONS

Feeling like a bird  
Inside its cage?  
Or Daedalus enclosed in his own maze?

Fear not, for birds  
Developed singing,  
And Daedalus his winging

They didn't fight for their right,  
Instead, opened new doors,  
Which they never tried

Restrictions bring out new Horizons,  
All you need to do,  
Is to look within.

This time will fly by,  
Never to arrive,  
Time to open  
the new doors of your life.

Ninaada R Adiga, class VII,  
Innisfree House School, Bengaluru

