



THE TIMES OF INDIA

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UP OUR SLEEVE

1 SURPRISE! Thanks to your overwhelming feedback, we will have an extra (ACTIVITY) page EVERY DAY

2 Be a space junkie: enjoy this activity on page 2

3 The 10-day stay at home challenge: Are you up for it? Try it out on page 2

4 On the web: Everything you need to know about building immunity...

5 Your teacher connect on FB - <https://www.facebook.com/TOIStudent/>

STUDENT EDITION

MONDAY, APRIL 13, 2020



WEB EDITION

COVID-19

UPDATE

What is 'phone booth' testing?



This is a testing booth for COVID-19 that allows contactless collection of samples from within a box made of glass and aluminium. The first corona testing 'phone booth' was opened on the premises of a government hospital in Ghaziabad, UP.

How does this work?

- All a person who wants to get tested needs to do is walk up to the testing kiosk and stand in front of its glass facade.
- From inside the insulated booth, the technician will collect oral swab samples using two arm-length neoprene rubber gloves fitted to two cavities in the glass facade. The process is completed in five minutes.
- Modelled on South Korea's 'telephone booth' testing centres — the Indian version has closer resemblance to a traffic police booth.

JALLIANWALA BAGH MASSACRE: 5 THINGS YOU SHOULD KNOW

April 13, 1919, marked a turning point in the Indian freedom struggle. It was Baisakhi that day, a harvest festival popular in Punjab and parts of north India. Local residents in Amritsar decided to hold a meeting to protest against the confinement of two leaders fighting for Independence. While the meeting was on, Brigadier-General Reginald Edward Harry Dyer, who had crept up to the scene, ordered 90 soldiers to open fire on the crowd. Many tried in vain to scale the walls and others jumped into the well located inside the park and died.

101 YEARS AFTER THE CARNAGE, WE TAKE A LOOK AT SOME OF THE KEY POINTS OF THE FATEFUL DAY



Take this QUIZ

The Hunter Commission was appointed to probe the incident. Which Indians were a part of the panel?

a. Pandit Jagat Narayan, advocate and member of legislative council

b. Sardar Sahibzada Sultan Ahmad Khan, advocate from Gwalior state

c. Chimanlal Harilal Setalvad, advocate and VC of Bombay university

d. All of the above
ANS: D. ALL OF THE ABOVE

The crowd had gathered at Jallianwala Bagh to protest the arrest of which leaders for opposing the Rowlatt Act?

a. Udham Singh and Kartar Singh
b. Bhagat Singh and Rajguru
c. Satyapal and Saifuddin Kitchlu
d. Lala Lajpat Rai and Mahatma Gandhi

ANS: C. SATYAPAL AND SAIFUDDIN KITCHLU

Who described the Jallianwala Bagh massacre as "an extraordinary monstrous event which stands in singular and sinister isolation"?

a. Margaret Thatcher
b. Winston Churchill
c. Theresa May

d. Elizabeth II
ANS: B. WINSTON CHURCHILL

During which viceroy's regime did the massacre take place?

a. Lord Canning
b. Lord Chelmsford
c. Lord Curzon
d. Lord Irwin

ANS: B. LORD CHELMSFORD

Who justified General Dyer's action as 'duty as he saw the situation'?

a. David Lloyd George, former prime minister of the UK
b. Rudyard Kipling, author c. Woodrow Wilson, former American president
d. Muhammad Ali Jinnah, founder of Pakistan

ANS: B. RUDYARD KIPLING AUTHOR

EXERCISE: Can you list three more things about the massacre? Share at timesnie175@gmail.com

DIY SPECIAL

Make your own FACE MASK



Can't find a face mask in the nearby store? Worry not, and make your own by following these steps:

- 1 Wash your hands thoroughly and clean all the tools you may need properly.
- 2 Choose a clean and sanitised area to make masks.
- 3 Take two pieces of paper towels and place one on top of the other.
- 4 Use a tissue paper and put it on top of the paper towel. You may also use an unused dried up wet tissue for this purpose.
- 5 Cut the paper stack in half, so that you can make two masks out of them.
- 6 Tape both the ends of each paper stack in order to seal the sides.
- 7 Punch holes on both the taped side using a hole punching tool.
- 8 Tape one plastic-coated wire on the upper side of the paper stack. This will help in giving the mask a nose grip.
- 9 Tie the rubber bands through the holes.
- 10 Now, your face mask is ready for use.

X-PLAINED

How to become a legislator when POLLS ARE ON HOLD

WHAT: Uddhav Thackeray was sworn in as Maharashtra chief minister on November 28 last year. Thackeray is not a member of either the state legislative assembly or council. He was set to be elected as an MLC during the biennial elections. However, due to the coronavirus outbreak and the national lockdown,

BIG Q: Will this be a smooth operation or precipitate a new political crisis? The worst-case scenario could be Thackeray making way for another member to be appointed as the CM till he gets elected. Send your thoughts on timesnie175@gmail.com



the Election Commission has deferred the polls.

The period in Thackeray's case ends on May 28.

WHY: Article 164 (4) of the Constitution says a minister who for any period of six consecutive months is not a member of the legislature shall at the expiration of that period cease to be a minister.

HOW: The Maharashtra cabinet recently decided to recommend Thackeray's name for being nominated as members of the state legislative council from the governor's quota.

QUOTE OF THE DAY

Winning doesn't always mean being first. Winning means you're doing better than you've done before.

BONNIE BLAIR, Speed Skater

LOCKDOWN BIRTHDAY?

Here are tips to celebrate

nitya.shukla@timesgroup.com

THINK OF AN ICE BREAKER: If you plan to throw a video chat party, chances are not everyone may know each other. Think of interesting ways they can introduce themselves online.



KEEP A GAME READY: A video party session can get boring. Do a storytelling session where your friends tell funny stories of you!

COSTUME PARTY: Show up in costumes; do a fancy-dinner party video or conduct a quiz online.

MAKE IT FUN: Have fun with video backgrounds. Your friends could make theirs with different pictures of you.

SPECIAL PRIVILEGE: Negotiate with your parents for a special privilege. Request them to let you play your Xbox for more than the stipulated time they allow, or plan a menu with your favourite dishes.

PLAN AN UN-BIRTHDAY PARTY: Lastly, plan an un-birthday party that will be celebrated with your friends in-person in the future.

WEEKLY PLANNER

MONDAY

SIGN UP FOR AN ART CLASS: Discover free online courses taught by The Museum of Modern Art. Watch videos, do assignments, earn a certificate while learning from some of the best.

ACCESS: <https://www.classcentral.com/university/moma>



Online courses to upskill yourself during lockdown

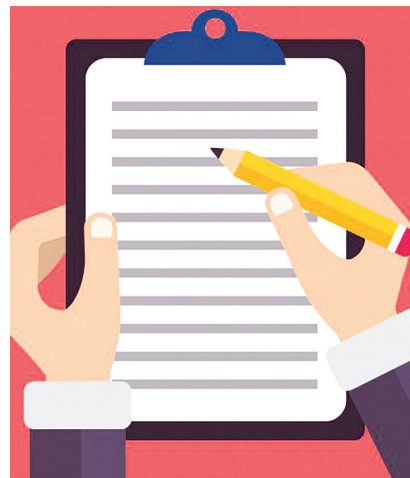
TUESDAY

LEARN TANGO: Look for cool YouTube tutors in "free tango classes" to learn this fun Spanish dance form. 'Welcome Argentina' on YouTube has very watchable sessions in Spanish.



WEDNESDAY

LEARN TO WRITE FOR MASS MEDIA: Those interested in writing for mass media can visit the official portal of SWAYAM – ugcmooos.inflibnet.ac.in – for their online classes – for free! There are different study modules like narration, creative writing, writing for radio, magazines, books, marketing material and more. Go, take your pick and start skilling it...



THURSDAY

COURSE ON FOOD AND NUTRITION: Our eating pattern directly affects our health and well-being. This pattern of eating has changed significantly in recent times. The online nutrition course offered by SWAYAM (access at ugcmooos.inflibnet.ac.in) will teach you more about diet, food safety and eating right. Those interested can sign up and begin their online class today!



FRIDAY

HOW ABOUT A COURSE ON ARTIFICIAL INTELLIGENCE: IIT Delhi offers free online course on Artificial Intelligence through NPTEL. The course introduces a variety of concepts in the field of artificial intelligence. It discusses the philosophy of AI, and how to model a new problem as an AI problem and so on.

How to? Log in to <https://nptel.ac.in/courses/106102220/> and choose a module of interest to begin with.



FUN-ZONE

If you could go to space,
what are three things you would take with you?
• Draw a picture of yourself in a rocket
along with your three favourite things!

Have you ever looked up the constellations?
There are lots of interesting stories about
how these groups of stars got their names.
Try to find out some facts about the constellations,
and then see if you and your family can spot any of them from your window at night.
There are even apps that will help you identify the stars and planets you can see!

Did you know that if you open Google Maps,
switch to 'satellite' mode, and then zoom out,
you'll be able to explore some of the planets, moons and stars around us?
Take a virtual trip around our solar system,
and click on the different options to learn more about these planets!

**Check out a few of our favourite books on
THE SOLAR SYSTEM**

Created by
HarperCollins
Children's
Books India

KNOWLEDGE BANK

DOLPHINS

These are extraordinarily intelligent animals which also display culture, something which was long-believed to be unique to humans (although now recognised in various species). Dolphins are altruistic animals. They are known to stay and help injured individuals, even helping them to the surface to breathe. Best friends of the sea, the dolphins have always been fascinating to humans.

MAGIC PAINTING

THINGS REQUIRED

- Plain white envelopes
- Disposable gloves
- Thick brushes
- A tub
- Small tins of enamel paints in different colours: blue, green, red, yellow
- water

STEP 1: Fill three quarters of tub with water. Wear the gloves, use different paint brushes for each colour.

STEP 2: Sprinkle a few drops of enamel paint of each colour in the water. Don't stir in the water, the paints will swirl on the surface of water. Be careful and do not put dollops of paint in water, as that will make the prints too smudgy.

STEP 3: Dip the envelopes into the water. Lift it up straight, immediately hang it with a peg on a stand.

STEP 4: Let it dry now. As the paint in the water gets used up, you will get lightly marked envelopes, just right for ordinary mailing and gifting.

STEP 5: Now decorate the envelopes by pasting ganesha or one rupee coin and your lovely shagun envelopes are ready

Raghav Mathur, class X, Shiv Nadar School, Noida

10-DAY stay-at-home challenge

DAY 1&2

- Empower your Math by learning to Skip-Count; say tables while you do chores. Skip count numbers 2 to 30. Play STAPOO game while you are perfecting multiplication tables.
- Make your own Recipe Book of Healthy Drinks for Healthy Body (malt/soups/ganji, etc), taking help from elders at home. Drink one each day until the challenge ends.
- Watch the movie 'My Neighbour Totoro'. Share as many Japanese words you learnt while watching.
- Enjoy music – Sit in a quiet place, put an incense stick, close your eyes, listen to music with nature sounds.

DAY 3&4

- Play games and solve few interesting worksheets of your class.
- Make your ME-TIME BOOK – scribble about what made you Happy, Sad, Angry, Excited, Agitated, Peaceful in the past week. Write regularly and see the magical change in your attitude.
- Watch short films 'Raddi Library' and 'Tubelight'. Imagine you are playing the lead role. Give your message to everyone on the change you may want to bring.

DAY 5&6

- Help dazzle the kitchen, make it shine like a mirror.
- Make a list of different materials at home and segregate them into what substance they are made of (Metal/ Cloth/ Jute/ Wood/ Plastic/ Glass/ Paper). What are biodegradable and non-biodegradable. How do you want to handle the non-biodegradable items such as plastic?
- List 5 things which make the BEST of you.
- Announce a FAMILY MUSICAL BAND TIME – Gather different items from kitchen/ dining / drawing rooms to play. Do not forget to take a video!

DAY 7&8

- Empower your Math skill, learn topics of your choice and rid the fear of Math.

ALL DAYS MUST-DO

- Wake-up, freshen-up and watch the Sun. Do Surya Namaskars for 3 to 10 times. Stretch your limbs. Jump 20 times. Then sit quietly and breathe. At 4 pm, water the plants at your home. Pray every evening to the Divine Mother to protect all of us and for the recovery of those suffering from Covid-19.
- Attempt to Change Yourself – List any 5 habits which you must change.
- Thank those who are helping us in this crucial time. Call them on phone to express your gratitude.

DAY 9&10

- Watch two short Sanskrit animated films, 'The Four Friends and 'First Well'. Learn new words of Sanskrit. Try role-playing a character in Sanskrit.
- Be a multi-translator! Make a list of words and phrases and try to translate them in different languages. A small video on this will be a great outcome!
- Get organised – Clean your study table and cupboard. Use interesting captions to decorate your place.

FINALLY

- Take help of your family members to capture the time you spent during this #Lockdown in pages of your own Memory Book. If you have made a short-film, share on social media with a message of 'Responsible Lockdown.' Conclude your work by saying/writing "HURRAY! I BECAME THE LOCKDOWN CHAMPION"

Sri Aurobindo International School, Hyderabad

Quiz time

SCI TECH

Q.1) What is part of a database that holds only one type of information?

A. Field B. Report
C. Record D. File

Q.2) 'OS' computer abbreviation usually means?

A. Open Software
B. Order of Significance
C. Optical Sensor
D. Operating System

Q.3) In which decade did the first transatlantic radio broadcast take place?

A. 1700s B. 1900s
C. 1800s D. 1600s

Q.4) The purpose of choke

ANSWERS

1. A) Field 2. D) Operating System 3. B) 1900s 4. D) To increase the voltage momentarily

in tube light is ____.

A. To decrease the current
B. To increase the current
C. To decrease the voltage momentarily
D. To increase the voltage momentarily

On December 12, 1901, a radio transmission received by Guglielmo Marconi resulted in the first transmission of a transatlantic wireless signal (Morse Code) from Polidhu, Cornwall, to St John's, Newfoundland.

ACTIVITY 5

A SUPER SOUND CONE!

Try this exciting experiment and notice how different the world around you sounds with this cone!

Follow these easy steps

- Just roll the poster board into a cone shape, leaving a small hole (about 3/4 to 1 inch across) at the pointed end. Leave the big end as wide as you can.
- Then tape the edge into position.
- Take your cone outside. Put the small end in your ear. Point the cone in different directions and listen carefully. Notice how different the world sounds with and without the cone to aid your hearing.

What you need

- A big piece of tag board or thick chart paper, about 18 x 24 inches
- Transparent tape

Tip!

What tiny sounds did you notice with the cone that you didn't notice before?

Created by HarperCollins Children's Books India

Mind teasers

ENGLISH QUIZ

ANSWERS

Fill in the blanks with appropriate GERUNDS

Q.1) She felt an insect ____ around.
A. to fly B. to be flying C. flying D. fly

Q.2) Do you mind ____ the window.
A. do B. doing C. to be doing D. to be done

Q.3) Anand is not capable of ____ hard work.
A. do B. doing C. to be doing D. to be done

Q.1) She felt an insect ____ around.
A. closing B. to closing C. closed D. close

Q.2) Do you mind ____ the window.
A. do B. doing C. to be doing D. to be done

Q.3) Anand is not capable of ____ hard work.
A. do B. doing C. to be doing D. to be done

CURRICULUM EXERCISES

Q1. What is a Hartnell Governor?

Q2. Fill in the blanks:

A. Whitworth quick return motion mechanism consists of three turning pairs and ____.

B. In railway axle boxes, the bearing used is ____.

Q3. Identify the following:

Answer: (1) It's a Centrifugal governor with a spring-loaded weight instead of dead weight on the sleeve to increase the speed of the balls required to lift the sleeve on the spindle. Which will enable the governor to operate the mechanism to give necessary change in the fuel supply. (2) A) One sliding pair B) Double spherical roller bearing (3) Sphinx of Giza, Egypt

Painters' Gallery

Y Sai Sudheshna, class IX A, DAV Public School, Ibrahimpatnam, Andhra Pradesh

Sivanand KN, class V, Prabath Public School, Ernakulam

Vaidehi Shivaji Panhale, class XII, Sherwood Convent School, Gurgaon

COVID-19 THE PANDEMIC

Here it comes the unseen enemy. Which was unexpected for you and me. Anywhere, it can attack on us, So to be careful is the crux.

It has led the people to the death beds, Therefore, follow the rules that the government has laid. Don't believe in the superficial myths, Otherwise you will be the one corona will hit.

Sorry for loss of family and friends, Social media memes are the new trends. Downfall of economy horrors me, To prevent it, it has to be us,

it has to be.

You have to give up pleasures a bit, If you want to fight it and get rid of it. Power in unity is the key, Practice social distancing and with your family have evening tea.

Wash your hands and sanitise everything, spread awareness and panic you have to fling. Donate and lend helping hand in this crisis, And stay at home to maintain the future bliss.

SHREEYA SINGLA, class X, DPS, Chandigarh

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