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#### STUDENT EDITION

TUESDAY, MAY 12, 2020



#### **WEB EDITION**

#### **APPS TO HELP** STUDENTS WITH THEIR SCIENCE **HOMEWORK**



#### S# 1 THE CHEMICAL TOUCH: A full

periodic table is given on the app. Once a student touches a specific element, they can study it in-depth, such as its atomic mass and properties. It also has an amino acid chart with an in-depth information. Each element also has a link to a Wikipedia article, for more details.

#2 FROG DISSECTION: One of the most stereotypical science experiments, frog dissecting, can now be done virtually. Featuring step-by-step instructions, there is plenty of indepth information on each of the frog's organs, including anatomical

📆 DID YOU 🤦

**COVID WARRIOR** 

#### **#3 STEPHEN HAWKING'S SNAPSHOTS OF THE UNIVERSE:**

comparisons to human organs

Based on the writings and work of Stephen Hawking, one of the world's most-renowned scientists, this app is a wonderful interactive source of information for space science. This app includes 10 interactive experiments and video segments, to help students study our universe.

#### **#4 NASA VISUALISATION EXPLORER:** Perfect for expanding upon concepts learned in class or research for projects, this NASA app helps students explore our universe, even more deeper. With articles and visuals, students can discover more

iRecommend

about the Earth, the solar system,

and beyond, in depth.

#### 3 ways to disinfect vour DIY face mask

Are you wondering how to wash a home-made mask? Here are three expert-approved ways to disinfect your DIY

Fill a big bowl with hot water and dish soap. Soak in the face mask for at least five minutes. Let the mask get completely dry, before you use it again Put your mask in a bag before putting it in the washing machine, so that the elastic doesn't get loose. Dry it in the dryer, on a high-tem-

perature setting If you have a non-inflammable mask, you can disinfect it with dry

# WILL COVID-19 WIDEN THE DIGITAL DIV

mid steep rise in the coronavirus pandemic cases, the United Nations Development Programme (UNDP) has warned that there is a risk that the economic and technological divides between the industrialised, emerging and developing countries, could widen further, especially in digital transition.

#### WHAT'S DIGITAL DIVIDE?

According to experts, the world is now divided between people who have access to Internet and those who don't have this privilege. Those who don't have Internet are the 'new underprivileged', because no access to digital services means more risk to life and livelihood—people in various sectors, where 'work from home' is possible, are able to manage lockdowns better than those who don't have this facility, they add.

#### STUDENTS' TAKE

While the big players have taken advantage of digitisation during these lockdown times, emerging startups and young aspirants are still struggling to get a foothold. Countries developing their economy through digital means, may suffer a noticeable digital divide, compared with those having well-established digital bases Sthuthi R Mohan, class XII, Sarvodaya Vidyalaya, Thiruvananthapuram

In this technology-driven world, though it is convenient for people having access to Internet and smartphones/laptops/PCs to work smoothly from home, it is important to understand that a large chunk of world population is still without Internet access. This gap is likely to widen, in years to come Hina Naela, class XII, G D Goenka Public School, Lucknow

#### THE IMPACT

■ The digital divide will definitely increase. Those who do not have access to digital tech at their homes will find it difficult to continue their progress and sustain. Moreover, they will feel isolated. People who have access will be able to work from home and stay in touch with friends and family. Anupama Girish, teacher, PSBBLLA, Bengaluru

■ Though many countries are riding the wave of digitisation during the coronavirus pandemic, there is a likelihood that developing countries would lag behind, thanks to the deepening financial crisis, which in turn will widen the global digital divide further.

Ditipriya Mukherjee, teacher, Sri Sri Academy, Kolkata

**IN 22 LANGUAGES** 

According to UNDP, around 86% of the global population— which is 6.5 billion people— do not have access to reliable

broadband Internet

Share your views at timesnie175@gmail.com

United Arab Emirates (UAE)-based Indi-A United Arab Ellin ales (O.I.), Sandar teenager is spreading COVID-19

awareness in 22 languages by singing and

composing songs, a media report said.

Calling herself a COVID-19 warrior,

Suchetha Satish, 14, has recorded the

awareness songs, written by her moth

er Sumitha Ayilliath, in Arabic and 21

Indian languages. Her song in Malayalam,

Hindi, Bengali, Tamil and Assamese was

also released by the Kerala government.

To Panic', was released on March 16

Keralite community in Dubai

**TEEN SPREADS COVID-19 AWARENESS** 

> Suchetha is a world record holder, for singing in most

concert by a child ➤Her first English song, titled, 'Say No

languages in one concert, and the longest live-singing

Later, she released her second song in her mother

tongue, Malayalam, to create awareness among the

top-10 nation at the Olympics: Riiiiu

Boxing will play key role in making India

■ Indian boxers have already

secured a record nine qualification

# **Evaluation for class X, XII Board**

The evaluation for class X, XII Board exams will be done by teachers at their homes, Union HRD minister Ramesh Pokhriyal said. He said 1.5 crore answer sheets of already-conducted class X, XII exams will be delivered to teachers. 'Teachers will evaluate



from home and we will be able to complete the process in 50 days," he added. Evaluation began on May 10.

Evaluation of the answer sheets has been delayed due to a nationwide lockdown imposed to contain the coronavirus outbreak

#### **SRK** announces competition for budding filmmakers to make scary indoor movie

T o promote his upcoming production venture, web-series 'Betaal', in an innovative way, actor Shah Rukh Khan has announced a contest for budding filmmakers—to shoot a scary movie indoors— keeping in mind, the nationwide lockdown. Since we've all got a bit of time on our hands in quarantine, thought I can get us all to work a bit... in a fun, creative

■ The rules include choosing any camera available; a prop that can be used spookily, but it has to be readily available at home

tancing guidelines

18. It will be judged by Viineet, Aahana, director Patrick Graham and producer **Gaurav Verma** 

call with SRK and the 'Betaal' team



#### **ENVIRONMENT**

#### **HUMAN-DRIVEN POLLUTION** AFFECTING WORLD'S CAVE SYSTEMS

earchers have found that human-driven pollution can even change the environment underground. According to them, as surface water flows through agricultural and urban areas, it collects bacterial contaminants, before entering cave systems. The research team which looked into



the Monte Conca cave system on the island of Sicily — a vast system of springs and pools, sitting below a nature preserve—concluded that microbial communities in the pools of water in the Monte Conca cave shows signs of being altered by pollution, from land.

Caves are often formed by the weathering of rock. They often extend deep underground

#### 'Jurassic Park' got Velociraptors wrong

Tt appears that the famous movie on dinosaurs, 'Jurassic Park' may have got it all wrong, as the Velociraptor dinosaurs did not hunt in packs, claims a new study. A new analysis shows that raptorial dinosaurs did not hunt in big or coordinated packs like dogs. In fact, scientists have proposed a different model for behaviour in raptors thought to be more like Komodo dragons, in which individuals may attack the same animal, but cooperation is limited. To do this, the researchers considered the teeth from the

raptor Deinonychus, which lived in North America, during the Cretaceous Period, about 115 to 108 million vears ago

The raptors, with their sickle-shaped talons, were made famous in the 1993 blockbuster movie, 'Jurassic Park', which portrayed them as highly intelli-

gent predators, that worked in groups

to hunt large prey

ers recently, sports minquotas at Tokyo Olympics ister Kiren Rijiju ac-■ Rijiju also informed that the knowledged the efforts government is planning to allow by the athletes and elite athletes to resume their said, boxing will play a vital role in making Intraining at the earliest, in order dia a sporting powerto keep them ready for future house, and top-10 nacompetitions tion in the medals tally, at the Olympics.

During a video interactive session

with India's elite box-

\$150,000: Price of basket ball player Michael Jordan's gameworn pair of Nike sneakers, that will be auctioned by Sotheby's. The bidding, which started a week back, will continue through May 17. Sotheby's holds a record for sneakers at auction, with \$437,500 paid for Nike's 'Moon Shoe', last year

# exams to be done at home by teachers



### **ENTERTAINMENT**

and... spooky way! #SpookSRK, Shah Rukh wrote on Twitter.

## THE RULES

It can be a solo project, or you can choose multi-ple people, provided you follow the social dis-

The last day to send in the entries is May

■The winners will get to be on a video

**INDIANS CRAVE FOR** 

SAMOSAS, CHICKEN MOMOS & JALEBIS

in lockdown; coronavirus

With neighbourhood mithai shops shut because of

chef's hat to make samosas, momos, jalebis and

**3RD MOST-SEARCHED** 

**TOPIC DURING APRIL** 

COVID-19 lockdown, people have donned the

Internet. According to Google search trends,

recipe-related searches hit a new record high,

even golgappas at home, with the help of

peaking on April 19



The data showed searches for 'Chicken momo recipe' spiked 4,350 per cent, while that for 'Mango ice cream recipe' rose 3,250 per cent in April. Dalgona coffee – which became an online sensation as people shared photographs and videos of their creation on social media channels - saw a spike of 5,000 per cent on how to make the drink

Interestingly, while cake topped the search tally for recipes during the month, people also looked for instructions on how to make 'samosa', 'jalebi', 'momos', 'dhokla', 'pani puri', 'dosa' and 'paneer' dishes. Coronavirus was the third most-searched topic in India, during April - behind 'film' and 'meaning' of different words.

#### PANDEMIC FASHION

# DISCOVER YOUR CLOSET

for over more than a month, has made us all mini Marie Kondos- the Japanese decluttering expert. In fact, it has given us time to reassess our wardrobes. Interestingly, people have rediscovered old clothes lying at the back of their wardrobes, that now, surprisingly fit us! So, do you want to recycle your old or rather not newly-bought clothes, and use them again? Follow these tips...

Repair old clothes that haven't faded. Learn to sew buttons and use them, once gratification for wearing tribution' too. Make stylish



You can pass on clothes that are fairly fresh, but don't fit you, to your younger siblings. Recycling clothes is great for the environment, as it reduces wastage of fabric Keep your wardrobe organised; it will help you have a

bird's eye view of your closet, and save you from buying same kind of clothes

#### **FUN-ZONE**

## HAVE A VIDEO TO SHARE? SEND IT TO US

LEARN WITH OUR COVID-19 WARRIORS: Manasi Dinesh Rane, Palak Pankaj Pardeshi, Vaidhehi Dnyanesh Khisti, Arya Parag Tambade, Nupur Prasad Tambe Standard of class IX, New English Medium Secondary School, Shaniwar Peth, Pune tell us how to deal with the deadly coronavirus. Go to www.toistudent.com to watch the video.

Have a video on how to deal with this current lockdown?

Send us 1) Clear videos 2) Of 2minute duration 3) With details (name, class and school)

4) At timesnie175@gmail.com

**NATURE** 

## **CHECK YOUR APTITUDE**

1) 30% of 30 =

2) If 10% of a number is C. 5% of 1400 7, what is 80% of the

number? A. 45 B. 56

**KNOWLEDGE BANK** 

Christmas facts

The image of Santa Claus flying

his sleigh took off in 1819, and was

created by Washington Irving,

American short story writer.

A. 90% of 10 B. 6% of 1000 D. 3% of 2500

C. 22

D. 55

4) The original price of a toy was ₹ 15. If the price

3) Which is the greatest?

is reduced by 20%, what is the new price of the

toy? A. ₹ 12 B. ₹ 18 C. ₹ 10 D. ₹ 30

5) George bought a car at ₹ 5000 and sold it at ₹5500. What benefit, in percent, did he make?

C. 5%

6) If 20% of n is equal to 40, what is n? A. 200 B. 107 C. 555 D. 300

> **9°** 500 **4'** ≨ 15 **2'** 10% 3. 3% of 2500 99 'Z 6 'L

# Q.1) Who wrote

**'A Christmas Carol'?** 

A. Charles Dickens B. 0 Henry

C. St Nichloas

D. Santa Claus

Q.2) Who wrote 'Letters From

A. J K Rowling

**Father Christmas'?** B. JRR Tolkien

## Quiz time **SEASONAL READS**

C. Barbara Smith D. John Adams

Q.3) Who wrote 'The Christmas Miracle

of Jonathan Toomey'?

A. Emily Bronte B. Charles Dickens

C. Susan Wojciechowski D. Lewis E Waterman

Q.4) Who wrote 'A Christmas season, etc.

Memory'? A. Bernard Shaw B. VS Sharma

C. Niccolo Machiaveli D. Truman Capote

ANSWERS

1. A) Charles Dickens 2. B) JRR Tolkien 3. C) Susan Wojciechowski 4. D) Truman Capote

## S.F. AND COMIC KIDS

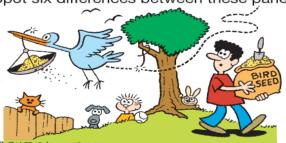
Jesus a blanket to keep him warm.

In Poland, spiders are considered to be symbols of

prosperity and goodness on Christmas. In fact, spider

decorations. According to legend, a spider wove baby

and spider webs are often used as Christmas tree





# Rock the TEST

Want to boost your general knowledge? Take this exciting test. Rest assured, it will really test you!



c: Water vapor

**D:** All of the above

• Which of these coun-. tries emits the most carbon dioxide?

A: China 🔲 B: USA 🖵 ☐ D: Russia ☐ sectors emits the largest percentage of greenhouse gas

A: Transportation **B:** Buildings

**C:** Industry D: Electricity and heat production

B: Nitrogen c: Water vapor D: Methane 5. Measuring soil moisture (the amount of

water in the soil) can help sci-

entists with which of the fol-A: Agriculture B: Flood and drought

heat?

prediction c: Climate variability

**D:** Natural disasters

**WUZZLES** 

WORD PUZZLES BY  $\frac{\text{WOOD}}{\text{TOM}}$ 

S

 $\mathbf{C}$ 

E: All of the above • The weather is the

same as climate. B: False 🖵 A: True

3 WUZZLES BOOKLETS

Sir

#### VN2MEBS: 1. D, 2. A, 3. D, 4. B, 5. E, 6. B

### Word Wise

Yuletide: (n) Christmas season. (adj) of or relating to the Christmas season.

**Synonymous words:** Christmastide, Christmastime, Yule, Noel, nativity, festive

Examples: ■ And with

one Yuletide

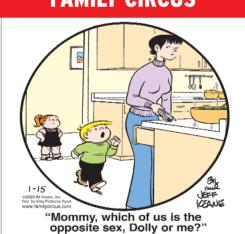
exception, this scientifically scrupulous view has carried the day.

■ For those looking for a bellyful of laughs, two humorous pieces in the yuletide spirit.

■ We will go this very week, as soon as the Yuletide stir be past.

■ College would close the following Thursday for the Yuletide holidays.

## **FAMILY CIRCUS**



#### + Grain G $\mathbf{o}$ N U nirig suidine .2 I. Serounging around Created by Tom Underwood <sup>©</sup>North America Syndicate, 2019 2. Surplus grain 1. Serounging around

#### **IDIOM OF THE DAY**

**CHRISTMAS CAME EARLY** Meaning: When someone receives unexpected good news

## How to effectively communicate with children

e is such a lazy guy.' A mere statement made by parents or teachers can become a message for the child's brain, if the child is listening to your words. I, Samata Dahanukar, a trained counsellor at Guardian High School & Jr. College, Dombivli, would like to give a message to parents.

It is said that small children are forming their selfimage from statements that they listen from their parents, teachers and caregivers. So, we adults need to make statements about children very carefully. We need to keep in mind that this present statement is going to form their future personality.

Statements like 'I believe in you,' said frequently in front of the kids can make them a trustworthy person when they grow up. A statement like 'You are such a hardworking student,' can make them really work hard It is all about what you communicate with your child.

But another side of the coin is how you communicate with your child. It is equally important to know how your words reach children. They learn maximum by observing their elders. So, the tone of voice is very important while conveying the message. Statements pronounced with polite but firm voice are better understood than angry or emotional statements. Short statements are more effective than lengthy or loud statements. Use of touch is a magical way to convey a message to children. And the most effective way of communication with your children is by not using words at all, but through actions observed by them. This is the reason why parenting is called a tough

job. There is no reward for growing a good human being. But parents will definitely be blamed for bringing up a

# SCHOOL IS COOL

ith the safety of its students and staff being the utmost priority, GES English Medium School, Goregaon, started online schooling from March for the tiny tots of playgroup to class X. The frontrunner and the captain of the ship of the school-Uma Mukerji, set up a timetable as per the school timings i.e 9.00 am to 1.00 pm. The classes are being conducted by the teachers who turned into overnight techno savvies with same undying, creative and ever cheerful spirit and zeal to impart knowledge and guide students. All the assignments, notes and worksheets are being sent to the students

and are being reviewed by the respective teachers regularly.

To get rid of the monotonous acboard students are tensed and worademic learning, art, craft, music, ried due to the uncertainty of exams by the teachers every day.

yoga, dance and other co-curricular dawn after a dark night. Hope and activities are also being taught in the online mode. As the class X ICSE

the school has been even conducting motivational and career guidance classes too. Chairman Harshad Patel is also equal-

ly involved and shows a great concern and interest in the overall development of students and staff by constantly guiding and motivating them. He has even arranged online counselling sessions for them. As today's children are tomorrow's citizens,

giving its best to the society and sharing the social responsibility. This present situation is only a temporary phase as there is always a new peace are the only silver lining. These thoughts are being imparted to students and they are being motivated

the school believes in

# **School Steps in to** provide aid he on-going lockdown

in our nation to curb the spread of COVID-19 has affected the lives of the most vulnerable communities as it has brought life to a standstill.No work means no food. And this is the biggest challenge for the daily wage workers who live in Malwani.

Keeping this in mind, Holy Mother English School, decided to take up the initiative to raise funds and collaborate with partners, wellwishers and supporters to help the community in this trying time by providing ration relief packets.

The school authorities realised that most of the students' parents were daily wage labourer who lived in slums and were struggling with basic food essentials like food grains, soaps etc. School staff and teachers reached out to parents and informed them a day before about the distribution of the rations, from 11am to 2pm. Parents were advised to wear masks, carry



bags and keep physical distance while collecting the rations. The students' school calendars were used to assist this process.

The school founder, chair-Rafique Siddiqui handled the distribution plan with a strong team of dedicated volunteers. After successful completion of round one ration distribution helping 910 families, the school has already completed two more rounds of such distribution to 350 families

# Teacher sets world record

SHRIRAM MAHAJAN, TEACHER

hriram Mahajan, an art teacher from Chembur Karnataka High School, utilised this time of national lockdown due to Coronavirus in a positive way and set a world record by writing the Bhagvat Gita on 1/4 size paper in a beautiful calligraphic writing in devanagari script. He began with this task on April 15 and completed writing 699 Sanskrit shlokas in 1398 lines. By the evening of April 19, in a hajan for this commendable feat.

matter of five days Mahajan completed this task.

The organiser of OMG Book of Records (IndianRecords), Dr. Dinesh Gupta informed that they have decided to acknowledge the great achievement of Mahajan and felicitate him with a trophy and a certificate after the lockdown is over. The principal of the school-Raji Ramesh and the president of Chembur Karnataka Sangha- advocate H. K.Sudhakara congratulated and praised Ma-



## 'Children are unsung heroes at home'

MEDHANSH IYER, STUDENT, N.L. DALMIA HIGH SCHOOL, MIRA ROAD

ndia imposed a nationwide lockdown which was designed to stop the imminent spread of the novel Coronavirus. This lockdown resulted in the total closure of economic, social and educational sectors across India. With the number of people infected by COVID-19 rapidly increasing worldwide, public anxieties and worries have elevated in many regions. There is a wave of fear and un-

certainty.

Children have been one among the hardest hit by lockdown restrictions. Unable to go to school, see their friends or go to playgrounds, the young minds have been drawing and painting the things they are missing the most.

Amid all the challenges, children are reacting posi-

STUDENT'S PEN



tomed to online learning but are also utilising their free time reading books, getting connected with their extended family and friends through audio and video calls, cooking, helping with chores around the house,

tively in this atmosphere of crisis. Not only they are getting themselves accus-

> They deserve a loud applause today as they will emerge stronger than most of us tomorrow. Today children are the unsung heroes at home.

learning new hobbies, exhibit-

ing their creativities and many

Medhansh Iyer