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WILL COVID-19 WIDEN THE DIGITAL DIVIDE?

Amid 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 smart-phones/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.

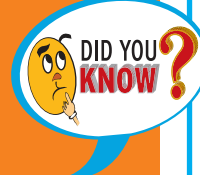
Anupama Girish, teacher, PSBLLA, Bengaluru

■ 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

The BIG debate

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

STUDENT EDITION

TUESDAY, MAY 12, 2020



WEB EDITION

APPS TO HELP STUDENTS WITH THEIR SCIENCE HOMEWORK



#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 in-depth information on each of the frog's organs, including anatomical comparisons to human organs

#3 STEPHEN HAWKING'S SNAPSHOTS OF THE UNIVERSE: 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 about the Earth, the solar system, and beyond, in depth.

iRecommend

3 ways to disinfect your DIY face mask

Are you wondering how to wash a home-made mask? Here are three expert-approved ways to disinfect your DIY mask ...
 ■ 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-temperature setting
 ■ If you have a non-inflammable mask, you can disinfect it with dry heat



Evaluation for class X, XII Board exams to be done at home by teachers

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.



EDUCATION

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

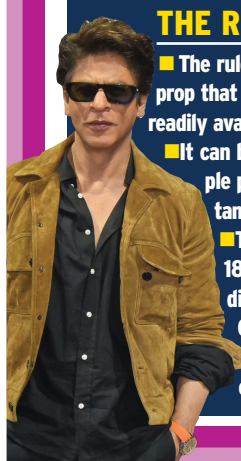
ENTERTAINMENT

SRK announces competition for budding filmmakers to make scary indoor movie

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

THE RULES

- The rules include choosing any camera available; a prop that can be used spookily, but it has to be readily available at home
- It can be a solo project, or you can choose multiple people, provided you follow the social distancing guidelines
- The last day to send in the entries is May 18. It will be judged by Vineet, Aahana, director Patrick Graham and producer Gaurav Verma
- The winners will get to be on a video call with SRK and the 'Betaal' team



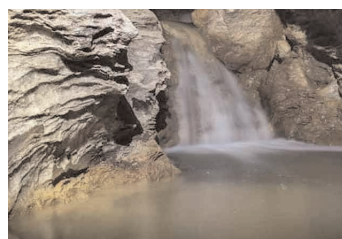
NEWS IN BRIEF

CLICK HERE FOR MORE

ENVIRONMENT

HUMAN-DRIVEN POLLUTION AFFECTING WORLD'S CAVE SYSTEMS

Researchers 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

It 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 years ago.



The raptors, with their sickle-shaped talons, were made famous in the 1993 blockbuster movie, 'Jurassic Park', which portrayed them as highly intelligent predators, that worked in groups to hunt large prey

TEEN SPREADS COVID-19 AWARENESS IN 22 LANGUAGES

COVID WARRIOR

A United Arab Emirates (UAE)-based Indian 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 mother Sumitha Ayilliath, in Arabic and 21 Indian languages. Her song in Malayalam, Hindi, Bengali, Tamil and Assamese was also released by the Kerala government.



- Suchetha is a world record holder, for singing in most languages in one concert, and the longest live-singing concert by a child
- Her first English song, titled, 'Say No To Panic', was released on March 16
- Later, she released her second song in her mother tongue, Malayalam, to create awareness among the Keralite community in Dubai

Boxing will play key role in making India top-10 nation at the Olympics: Rijiju

During a video interactive session with India's elite boxers recently, sports minister Kiren Rijiju acknowledged the efforts by the athletes and said, boxing will play a vital role in making India a sporting powerhouse, and top-10 nation in the medals tally at the Olympics.

- Indian boxers have already secured a record nine qualification quotas at Tokyo Olympics
- Rijiju also informed that the government is planning to allow elite athletes to resume their training at the earliest, in order to keep them ready for future competitions

FACTOID

\$150,000: Price of basket ball player Michael Jordan's game-worn 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

TRENDING

INDIANS CRAVE FOR SAMOSAS, CHICKEN MOMOS & JALEBIS in lockdown; coronavirus 3RD MOST-SEARCHED TOPIC DURING APRIL

With neighbourhood mithai shops shut because of COVID-19 lockdown, people have donned the chef's hat to make samosas, momos, jalebis and even golgappas at home, with the help of Internet. According to Google search trends, recipe-related searches hit a new record high, peaking on April 19



1 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

2 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

Living in isolation 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 done. You will feel a sense of gratification for wearing something that has your 'contribution' too. Make stylish masks with old dupattas and tee shirts. You can check videos online, where they guide you on how to make one



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](http://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

CHECK YOUR APTITUDE

1) 30% of 30 =
A. 300
B. 10
C. 9
D. 900

2) If 10% of a number is 7, what is 80% of the number?
A. 45
B. 56

3) Which is the greatest?
A. 90% of 10
B. 6% of 1000
C. 5% of 1400
D. 3% of 2500

4) The original price of a toy was ₹ 15. If the price 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?
A. 6%
B. 10%
C. 5%
D. 3%

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

ANSWERS:
1. B, 2. A, 3. C, 4. D, 5. B, 6. B

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.

NATURE

■ In Poland, spiders are considered to be symbols of prosperity and goodness on Christmas. In fact, spider and spider webs are often used as Christmas tree decorations. According to legend, a spider wove baby Jesus a blanket to keep him warm.

Quiz time

SEASONAL READS

Q.1) Who wrote 'A Christmas Carol'?
A. Charles Dickens
B. O Henry
C. St Nicholas
D. Santa Claus

Q.2) Who wrote 'Letters From Father Christmas'?
A. J K Rowling
B. JRR Tolkien

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 Memory'?
A. Bernard Shaw B. VS Sharma
C. Niccolo Machiavelli 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

Spot six differences between these panels.

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Answer -- Cat's paws, rabbit, fingers, fence, feather and mouth.

Rock the TEST

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

ENVIRONMENT
Theme: Climate change

Q1. Which of the following is a greenhouse gas?
A: CO2 ☐ B: CH4 ☐
C: Water vapor ☐ D: All of the above ☐

Q2. Which of these countries emits the most carbon dioxide?
A: China ☐ B: USA ☐
C: UK ☐ D: Russia ☐

Q3. Globally, which of the following economic sectors emits the largest percentage of greenhouse gas emissions?
A: Transportation ☐
B: Buildings ☐
C: Industry ☐
D: Electricity and heat production ☐

Q4. Which of the following gases does not trap heat?
A: Carbon dioxide ☐
B: Nitrogen ☐
C: Water vapor ☐
D: Methane ☐

Q5. Measuring soil moisture (the amount of water in the soil) can help scientists with which of the following:
A: Agriculture ☐
B: Flood and drought prediction ☐
C: Climate variability ☐
D: Natural disasters ☐
E: All of the above ☐

Q6. The weather is the same as climate.
A: True ☐ B: False ☐

ANSWERS: 1. D, 2. A, 3. C, 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 season, etc.

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

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“Mommy, which of us is the opposite sex, Dolly or me?”

WUZZLES

Each Wuzzle is a word puzzle which creates a disguised word, phrase, name, place, saying, etc. For example: NOON-GOOD-GOOD AFTERNOON

3 WUZZLES BOOKLETS
“The Best of Wuzzles” (\$4.99), “More of the Best of Wuzzles” (\$4.99), and “Wuzzles for Kids” (\$4.99) are available, prepacked from Wuzzles, Box 1141, Cedar Rapids, IA 52406

WOOD TOM

Print Your Answers Here:
1.
2.
Today's Answers:
1. Scrounging around
2. Surplus grain

ANSWERS
1. Scrounging around
2. Surplus grain

IDIOM OF THE DAY
► **CHRISTMAS CAME EARLY**
Meaning: When someone receives unexpected good news

Painters' Gallery

Ishan Sejush, class IV, The Global Edge School, Kokapet

Lipika Reddy Maram, class IX, Bharatiya Vidya Bhavans Public School (Vidyashram), Jubilee Hills

Suhruth Katakam, class IV, Cornerstone Public School, Chandanagar

Dhanvi, class V B, Gitanjali Devashray, Hyderabad

SCHOOL IS COOL

LOCKDOWN TALES

CHERISH THE ABUNDANT FAMILY TIME!

As children are creative these days, we need to spend more time engaging them with activities at home. I have been spending a lot of time with my son and encouraging him to do tasks such as solving puzzles, joining the dots, having an indoor picnic, family photo bingo, drawing and other activities which amplify the energy. Every morning, my son and I do warm-up exercises to keep our health in good shape.

K Ravikant, father of K Vedanth, class IV, Tatva Global School

The era of technological advancement has reduced family time. This pandemic has definitely affected mankind, but it has also given us an opportunity to bring the family together. The family as a whole can think of a role play or enact different situations that a child may come across in their day to day life. Children love role plays and this can be used as a medium to teach them problem-solving skills. These activities will help the children to be confident in difficult and challenging times. Spending family time together builds trust among the family members and ensures a strong family bond.

Sreelekha Suresh, Principal, Gitanjali Devakul

Acting can be emotionally relieving. So, act, shoot and record your favourite scene with your child. Revive snakes and ladders to stay mentally and physically fit. Draw its miniature version on an empty space in the house and walk up and down the numbers like hopscotch. Inculcate the love for photography in children, capture the dawn or dusk and have it photographed for posterity.

Renee Dutta, Headmistress, Gitanjali Primary School, Begumpet

This lockdown has been a complete life changer for my family, especially my four-year-old son Saharsh. We came to our hometown for my mother's death anniversary and got stuck here due to the lockdown. The life changing thing that has happened for Saharsh is that he started to play with things around him without demanding for toys and other materials. He has learnt the use of sanitizer, water motor, writing with chalks on the ground, creating imaginary games like making a pirate ship with a chair and using a plastic circle shaped item as the steering.

Sunil Pati and Smitansu Mohapatra, parents of Saharsh Pati, LKG, Jubilee Hills Public School

My passion for singing comes from deep within my soul, mind and heart and I learnt classical music during my school days. History repeats itself when I see my daughter showing the same interest in music. She tries to explore various genres of music, be it bhajan, gazal, pop, rock and many more. I always wished to teach her classical music to nurture her skills, but due to tight schedules, never got the opportunity to do so.

With the lockdown on now, I started teaching her classical music. We both share a lovely time while sharing the same passion and hope to continue doing so even after we get back to our old and normal lives.

Nilasree Choudhury, parent of Suniksha Choudhury, Delhi School of Excellence, Attapur

I have been keeping myself busy with a host of activities during the lockdown. Here are some of them:

- Gardening, pruning the branches, shallow tilling of topsoil and transplanting new cuttings.
- Learning coding and programming
- Participated in online school activities; presenting my hobbies
- Cleaning my room
- Helping my mother and grandmother in various household activities like dusting, mopping, sweeping and cleaning of kitchen shelves.
- Learning new home workouts to stay healthy and fit
- Learning and making new dishes
- Talking and being with grandparents and learning about my family roots and culture

Amaanya Ravi, class IX B, Delhi School of Excellence, Banjara Hills



SHREASTA of class VII, DPS, Nacharam, demonstrates the six paada bhedas in Bharatnatyam, the dance form which she has been practising for seven years.

BHAVITH AGARWAL of class VII, Delhi Public School, Nacharam, solves a Rubik's Cube puzzle in 1.09 seconds! Test your reflexes during lockdown!

Let's fight the Covid-19 together and stay safe. The Student Council members of **DELHI PUBLIC SCHOOL, NACHARAM**, convey a message.

ARYAN NAIR, class V, Gitanjali Primary School, Hyderabad, has his day packed with activities. There's cycling, maths to practice with his grandmother, music and more!