

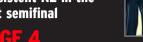
TODAY'S

From topics as diverse as Water Table to the World Wars, get yourself ready for experiments, debates and more in **Concepts to Classrooms**



Do you know which is thought to be the happiest place on Earth? Yes, it is Disneyland in Paris. Times NIE takes you on a tour

T20 WC: Title favourites England look to upstage consistent NZ in the first semifinal





WEDNESDAY, NOVEMBER 10, 2021



CLICK HERE: PAGE 1 AND 2

SKILLS ASSESSMENT: A NEW

CHAPTER FOR KIDS

The National Council of Educational Research and Training (NCERT) will conduct a National Assessment Survey (NAS) in government and private schools soon to check children's learning skills. The survey, which will cover lakhs of children in more than 700 districts, is aimed at finding out the learning skills of children and what changes are required in curriculum post-Covid-19 pandemic. The subjects on which learning capability will be assessed are Maths, EVS, Science, among others...



For children of classes III, V, VIII and X, the **NCERT** conducts **National Sample** Survey (NSS) to make the assessment

Earlier, the NSS was conducted on November 13,

2017 covering over 22 lakh students of classes III, V and VI

On February 5, 2018, the NSS was conducted for class X

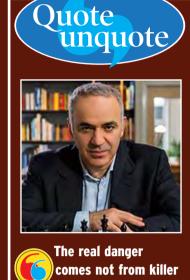
The NCERT is also providing counselling to

address the mental health concerns of the students in the schools, which are reopening after Covid-19

The experts and officials of the NCERT will connect with the students

online and help them to deal with their mental and social concerns

Through various online channels, **NCERT** experts will interact with students of classes VI



robots but from people-because people still have a monopoly on evil. There is simply no evidence that machines are threatening us. The true threat comes from 'the dictatorial, totalitarian countries and the terrorists who will use this technology to harm us. You should treat computers like it's another human creation. It is not a magic wand, but it is not a terminator. You don't expect this to bring you to heaven, but it is not going to open the gates of hell. Machines made us stronger, faster and intelligent machines will make us smarter if we know how to use it Garry Kasparov, chess

Indian-origin teen wins Children's Climate Prize 2021

r the third consecutive year, Indian teenagers are shining and showing their 'green thumbs up', as they work towards achieving a cleaner environment and earning the coveted Children's Climate Prize. This year too, the winner of 2021's Children's Climate Prize is an Indian-origin teen Reshma Kosaraju, a 15-year-old from Saratago, US. Reshma's project, Al against forest fires, uses AI technology to predict forest fires.

WATCH OUT FOR OUR CHILDREN'S DAY SPECIAL AN EXCLUSIVE INTERVIEW WITH RESHMA

THE PROJECT: Reshma's project can predict forest fires with almost 90% accuracy. Reshma uses open data, such as temperature, humidity, wind speed, soil moisture and human behaviour with the help of AI to calculate where and when the probability of a forest fire occurring is greatest. Reshma hopes the Children's Climate Prize will draw attention to her project, so that more people can become aware of the AI model's existence



I'm happy and my hope is that this win will lead to more people hearing about AI against forest fires, and that it will become a universally accessible tool for predicting forest fires **RESHMA KOSARAJU**

Wang Yaping becomes first Chinese woman to walk in space

🕇 ang Yaping has become the first Chinese female astronaut to conduct spacewalk outside the Tianhe space station module, according to the China Manned Space Agency (CMSA). Yaping along with Zhai Zhigang, and Ye Guangfu, which form the Shenzhou 13 crew, had launched to the Chinese space station on October 15 to kick off a six-

HONOUR The spacewalk marks the first of the Shenzhou-13 mission, and the third of its kind during the country's space station building period, the CMSA said.



witter has rolled out search button on some accounts that allows users to more easily



users have always been able to search their own or other users' tweets, using the format 'from:[handle] [search term]' in the regular Twitter search bar

scan through a specific person's past tweets. The button, located in the top right corner next to the 3-dot (or hamburger) menu, had started appearing for a small number of users in October. It is now rolling out more widely on the iOS Twitter app, XDA Developers reported.

This new button simplifies the process, providing a search field where you can enter the terms you're looking for and find a post, response or even an article more quickly

US lifts pandemic travel ban, opens doors to visitors

The US has lifted restrictions on travel from a long list of countries including Mexico, Canada and most of Europe, allowing tourists to make long-delayed trips and family members to reconnect with the loved ones after more than a year and a half apart because of the pandemic.

Starting Monday, the US accepted fully vaccinated travellers at the airports and land borders, doing away with a Covid-19 restriction that dates back to the Trump administration. The new



rules allow air travel from previously restricted countries as long as the traveller has proof of vaccination and a negative Covid-19 test. Land travel from Mexico and Canada will require proof of vaccination but no test



A2Z OF CONCEPTS

Beginning the journey of learning in an alphabetical order, Times NIE takes you through one concept from each subject every week



TEACHERS, IF YOU HAVE A CONCEPT THAT CAN CHANGE A CLASSROOM, **SHARE IT ON**

toinie175@gmail.com WITH YOUR PHOTOGRAPH

CLASSROOMS TO EXPERIENCE ZONES

GEOGRAPHY

WATER TABLE

ater table, also called groundwater table, is upper level of an underground surface in which the soil or rocks are permanently saturated with water. The water table separates the groundwater zone that lies below it from the capillary fringe, or zone of aeration, which lies above it. The water table fluctuates both with seasons and from year to year as it is affected by climatic variations and by the amount of precipitation used by vegetation. It also is affected by human consumption from wells.



👧 DID YOU The shape and height of the water table is influenced by the land surface that lies above it; it curves up under hills and drops under valleys

How water table fluctuates

The groundwater found below the water table comes from precipitation that has seeped through surface soil. Springs are formed where the water

table naturally meets the land surface, causing groundwater to flow from the surface and eventually into a stream, river, or lake.

The water table level can vary in different areas and

even within the same area. Fluctuations in the water table level are caused by changes in precipitation between seasons and years. During late winter and spring, when snow melts and precipitation is high, the water

LET'S EXPERIMENT



Demonstrate groundwater flow using a groundwater model tank. It is best to have different types of soil - one coarser grained like gravel and a finer grain soil (like sand) - and include an example surface water feature (like a lake). Add food colouring to



CHECK OUT YOUTUBE VIDEOS **ON HOW TO BUILD AN AQUIFIER**

the surface water so students can visualise how the water can flow from the surface water to the ground and then move under the ground. Remind students that gravity is the force that causes water to flow and move in this way.

Another way of adding vectors is us-

ing the parallelogram law. This method

where the first one finishes, we make them

both start at the same place, and complete

tion of vectors, we need to review negative

two vectors. Subtracting q from p will be the

Therefore, we can say that subtracting a

vector is the same as adding a negative ver-

sion of the vector (remember that making

a vector negative means reversing its

Vector addition is associative: (A + B)

of vector addition is

slightly different from

the triangle law as in-

stead of making the

second vector start

a parallelogram.

SUBTRACTION

standing subtrac-

We see the above pair

of vectors are equal in

magnitude, but oppo-

What is P - Q? We

think of this as P +

Now we can subtract

same as adding - Q to P.

direction $(a \choose b)$ $(a \choose b-b)$

site in direction.

under-

Before

WORLD BANK



he World Bank is an international financial institution that provides loans and grants to the governments of low-and middle-income countries for the purpose of pursuing capital projects. It comprises of two institutions: International Bank for Reconstruction and Development (IBRD), and the International Development Association (IDA). The World Bank's goal, as stated by it, is reduction of poverty.

The World Bank is just what its name says: a bank, albeit on a larger scale. Providing loans, knowledge and guidance, the organisation works with governments, the private sector, civil society organisations and regional development

The organisation was started over 70 years ago and was first called The International Bank for Reconstruction and Development. Originally it worked to improve conditions in countries devastated by World War II, but this quickly evolved into efforts to end global poverty once and for all.

There are now 189 countries who are members of the World Bank Group. This means only seven countries in the world are not members of the institution. The leading members of the Group are the US, Japan, Germany, France

So where does this money come from? The World Bank is backed by subscriptions paid by its member countries, bond flotations (money made from issuing new securities and expenses) from international markets and earnings from its

Four issues that the World Bank has identified as standing before its goals are as follows: access to schools, healthcare, electricity and safe water. It attributes much of its success to its diverse staff of economists, professionals in public policy and social scientists.



ANGUAGE

WASTEFUL

By Kartik Bajoria Jaipur-based **Communication Skills** Educator & Writer



n the one hand it is recommended that one induces 'variety' in one's spoken as well as written language by inducing synonyms and a varied mix of words; on the other hand, frugality is also suggested. How does one decide? A good way of deciding is to judge the If ONE IS WRITING A PIECE OF PROSE OR

DESCRIPTIVE WRITING, one would be wise to display one's repertoire and have a certain amount of variety. However, if one is **WRITING A SIMPLE** ARTICLE OR A BLOG-POST (where it is safe to assume the reader wants quick and to-the-point information and is not there to luxuriate and revel in language), one ought not to be 'wasteful'. To waste one's own time, effort and portfolio of words and expression on situations and pieces of writing where not only will it not serve to better language, it will in fact become an impediment to the reader/listener's understanding – is a bad idea. Wasteful can also refer to the tendency of being needlessly complicated, when one's communication will be infinitely more effective if the language was simple.

Let us take a basic example that I always share with my students. **EXAMPLE 1** – Surreptitiously, Anuj uncurled his posterior, mindful not to rouse the apprehensions of the exam-administering ascendancy. **EXAMPLE 2** – With one eye on the examiner, Anuj straightened his back, making sure he had not been noticed. Which one is more effective and less wasteful? I think the answer is quite clear!



By Sandeep Srivastava Educator since 20 yrs, he specialises in making Maths easy and fun

Recall, the lesson on V ended with a vec $tor \overrightarrow{V} = 3i + 4j$. The components of the vector V are 3 units (in the x direction) and 4 units (in the y direction). The vector is the hypotenuse of the triangle.

But the same vector can also be written as column vectors in the form . The column vector

(3) represents a translation 3 units towards the right in the x-direction and 4units in the v-direction. For example, in the giv-

p, can be written as: $\binom{1.5}{2}$ The column vector $\binom{1.5}{2}$ represents a translation of 1.5 units to the right in x-direction and 2 units in y-direction. When expressed this way, vectors can be very

easily added and subtracted, as under: $\binom{a_1}{b_1} + \binom{a_2}{b_2} = \binom{a_1 + a_2}{b_1 + b_2}$ For the vector V, the magnitude $|V| = \sqrt{x^1 + y^2}$

en figure below, the vector,

The magnitude of vector |v| = 3i + 4j is $\sqrt{(3)^2 + (4)^2} = 5$

KEY OPERATIONS ON VECTORS

Translation: A translation vector can be thought of as a slide (which even-

tually doesn't change the shape or size of the

figure) with no rotation (hence, no change in orientation as well). The translation vector can be drawn on the graph and can be written as v= <a,b>. For example, a translation vector that moves any figure 2 units right

and 1 unit down is the vector v=<2,-1>, shown on the graph as:

The translation vector is irrespective of its placement on the graph, i.e., its initial and terminal points do not matter, just that it has some length and a direction. Let's use this vector for translation

of the triangle ABC (to find the coordinates of the triangle A¹ B¹ C¹). The vertices of triangle ABC is given by A = (-2, 4), B = (-3, 1),and C = (-1, 2).

The translation vector moves each vertex of triangle ABC without changing the shape & orientation of the figure. Thus, the new coordinates are:

 $A^1 = (-2, 4) + (2, -1) = (-2 + 2, 4 - 1) = (0, 3)$ $B^1 = (-3, 1) + (2, -1) = (-3 + 2, 1 - 1) = (-1, 0)$ $C^1 = (-1, 2) + (2, -1) = (-1 + 2, 2 - 1) = (1, 1)$

Translation can be thought of as the addition of a constant vector to every point and is thus, helpful in

understanding addition and subtraction of vectors; it enables us to experience com-

bination of vectors in simpler, alternate ways. Here are two examples-

In the graph, the two vectors show the displacement of a person on a visit to a friend's

house (the person starts at (1, 2) in a direction and then changes direction once at a point – (5, 4) in the graph and then walks till the point (9, 5)).

The displacement vectors are obtained by subtracting the coordinates of head and tail. Therefore, the two vectors are -(4,2) (the first vector with head as (5, 4) and tail as (1, 2)and (4, 1) (the second vector with head as (9, 5) and tail as (5, 4)); each unit in the graph could be any amount, e.g., 100 m, 1 km, 3 km,

any such unit. The final displacement is given by connecting the starting point and the end point of the travel, by an arrow, and that is the vector - (8, 3) (the displacement vector has the head (9,5) and tail (1,2)). What is interesting is that (8, 3) is same as (4 + 4, 2 + 1)! The final displacement vector - (8, 3) - is indeed the addition of the two vectors -(4,2) and (4,1). The respective coordinates of the vectors have been added in the addition of vectors.

ADDITION The vectors are laid head to tail in sequence as shown in the below figure. Addition is then accomplished by creating a triangle.

The result of adding the vectors P and Q is P+Q (or the resultant, as it is sometimes called) is what we get when we join up the triangle. Adding vectors by creating triangles is called the triangle law of addition.

Look at the diagram and imagine going from A to C. How would you write the path in vectors using only the vectors AB

Look at the diagram and imagine going from A to C. How would you write the path in vectors using only

the vectors AB and CB? You could say it is vector AB followed by a backwards movement along vector CB. To travel from A to C, it is possible to move

along vector AB followed by BC. It is also possible to go directly along AC. Therefore, AC is known as the result-

ant of AB and BC. Hence, we can write the path from A to C

Or AB - CB = AC.

AB + BC = AC

WORLD WAR I & II

orld War I (WWI) also known as the First World War, was a global war centered in Europe that BEGAN ONJULY 28, 1914, AND LASTED UNTIL NOVEMBER, 11, 1918. The war lasted exactly four years, three months and 14 days. Before World War II began in 1939, World War I was called the Great



War, the World War or the War to End required that Germany accept all Wars. In this war, 135 countries participated and more than 15 million

MANY REASONS FOR WWI

■ A tangle of alliances made between countries, to maintain a balance power in Europe, which brought about the scale of the conflict.

The Bosnian Crisis where Austria-Hungary took over the former Turkish province of Bosnia in 1909 angering

Countries were building their military forces, arms and battleships. Countries wanted to regain lost territories from previous conflicts and build

The Moroccan Crisis where Germans were protesting in 1911 against the French possession of Morocco.

1919, The Treaty of Versailles officially ended the WWI. The Treaty

full responsibility for causing DID YOU the war; make reparations to some Allied countries; surrender some of its territory to surrounding countries; surrender its African colonies; and limit the size of

ORLD WAR II (WWII), also known as the Second World War, was a global war which took place **BETWEEN** 1939 **945.** Most of the world's countries, including all of the great powers, fought as part of two military alliances: the Allies and the Axis. WHAT CAUSED WORLD WAR II

It was caused by the Treaty of Versailles. Adolf Hitler was able to convince German people to give him the power to improve conditions in Germany and restore the country's strength and dignity. HE VOWED TO TEAR UP THE TREATY OF VERSAILLES.

Over 250,000 underage soldiers were allowed to fight

in WWI. The vounaest was a British boy named Sidney Lewis who was just 12 years old

but lied about his age to join the forces During WWII, hamburgers in the US were called

'Liberty Steaks' to avoid the German name



WASHING SODA

odium carbonate is the chemical name for soda ash and washing soda. The principal applications of sodium carbonate are in the manufacture of glass and the production of chemicals. It is also used in processing wood pulp to make paper, in making soaps and detergents, in refining aluminum, in water softening, and in removing grease stains from clothes.



It's not just a place where you get to learn Einstein's Theory of Relativity. It's also a place where you can think beyond the classroom. Hence we say, SCHOOL IS COOL!

The young PICO PRIDE effec-

tively used constructing tools to their knowledge and visualizing one's understanding. It was an amazing opportunity for them to

gain confidence through expo-

sure. Everyone was delighted af-

ter catching a glimpse of work that young learners created.

t Up, Get Fit, Get Moving

iamond Jubilee High School for Girls, Mumbai (DJG) has recently ranked in the top 10 Best Girls School in Mumbai and also the best State Board School in Greater Mumbai from over 2500 schools, students of DJG focused on demonstrating their prowess on the sports field during the week-long Virtual Sports Meet between 29th August and 3rd September 2021.

The consequences of COVID-19 on sport and active living were disastrous. Considering all of this, DJG, managed by Aga Khan Education Service, India (AKESI), which ranks amongst the country's most respected education and early childhood education brands, held a weeklong celebration to encourage its students to be fit and healthy.

This was done on National Sports Day, which is the birth anniversary of Major Dhyan Chand, widely regarded as the greatest hockey player of all time.

To commemorate and celebrate this special day, students were engaged in fitness activities, including indoor and outdoor games, while adhering to the COVID-19 social distancing and safety protocols.

The idea of a Virtual Sports Meet was conceived by the teachers, and realistic games were devised to engage students. Each class was assigned fun, age-appropriate games that could be played over a suitable online platform. Students were provided with informative videos for each event.

The students then chose their events and registered themselves online. Next, the teachers scheduled and facilitated online sessions for classes 1 to 10 during the Sports Meet.

The virtual activities included yoga, a sports quiz, an online chess competition and a discussion on ca- added, "We all had a good time parreers in sport. The students also participated in their favourite physical activities with their families, such as skipping, skating, gymming, cycling, and freehand exercises. The students the opportunity to spend quality time



This also resulted in families spending quality time together.

Mrs. Shahana Khan [a parent], stated, "While our kids celebrated National Sports Day virtually, we (parents) were also equally involved in fun exercises like skipping and jogging. I was overjoyed that the school taught children the value of sports and the importance of living a healthy

Saifa Shaikh from Class 9 student ticipating in various activities, such as poster-making, cycling, rope-skipping, running, and playing sports, and in sharing our experiences. We had created posters to raise awareness. with our families in a fun and engag- while in distance learning mode.

ing way, while also contributing to our mental and physical health.

Dr. Mohd Iqbal Shaikh, a former athlete and Western India's boxing gold medallist in 1984, was very appreciative saying, "My daughter, Saifa, participated in the virtual activities for her school, and as much fun as it was to engage in various activities with my daughter, I also found it very helpful for her in terms of physical health and interaction. As someone who has spent the majority of my life dedicated to sports such as boxing, volleyball, and various martial arts, I find it heartening to learn that the importance of sports is being promoted in the lives of children in school, even

Young Pico Pride

he students of Primary section of N.L Dalmia ing the technology tools, in-High School unleashed formative tools, constructive their creativity by partools, and communicative tools.

ticipating in Young Pico Pride, ICT Competition to express their ideas, expand their imagination, skills and explore the digital platform to their best creativity. The competition inspired the young learners to create their Masterpiece in Comix strip. The students created their own Interactive Stories and Games with Animation.

The students enjoyed utiliz-





Hrishanth Bhosale

Shadaan Raza







BUDDING CYCLING TAL

School North Campus- Yelahanka, has once again brought laurels to the school by winning the silver medal in the National MTB Cycling Championship. The championship was organised at Pune on 30 and 31st October, where Savion represented Karnataka State. He stood second among 40 participants who cycled for 10 km to win this race

Savion Babu won the silver medal by grabbing 5th place at the National MTB Cycling Championship held recently. After winning multiple events under the International Time Trial followed by the under-14 category, Savion got qualified for the upcoming National Championship held in Pune on 30th and 31st October, where he represented the Karnataka State.

Elated on receiving the silver medal, Savion, said, "The pressure to perform well at the national championship was there. I practised hard to win this championship. I am grateful for all the support I received from my coach, parents and my school. Without their encouragement, it was not that easy for me to bring this medal

Delighted with Savion's achievement, Vandana Gupta, principal EuroSchool, North Campus- Yelahanka, said, "We are delighted to announce that our student Savion Babu has made all of us proud through his achievement. I am sure he will be an inspiration to other students who will follow in his footsteps. Students like Savion are a manifestation of our mission at EuroSchool -we nurture our children and help them discover their true passion."



State MTB Cycling Championship is organ ised by the Cycling Federation of India (CFI), an organization that is a pioneer in the promotion of cycling sports in India affiliated to the Indian Olympic Association (IOA), Asian Cycling Confederation (ACC) and Union Cycliste International (UCI). This is the sole body recognised by the Ministry of youth affairs and sports, Govt. of India for the promotion of the sport of cycling

Parisian roller-coasters

ramily and I visited Disneyland Paris about two summers ago. It was so exciting! We had reached the hotel late in the evening, but I was up at the crack of dawn. I was so raring to go that I got everyone to reach before the park even opened. We started off on the 'Hyperspace mountain' ride. Well, it was just a start for my brother and I, while my parents decided to call it a day after just the first roller-coaster. They went to the parade and we made our way to 'Big Thunder Mountain'. This roller-coaster was based in the 'Old West' theme, complete with cacti and canyons. At this point my brother and I decided to check on

my parents. We found them at a café, eating candy floss and cheese fries. We



left them there to go on the 'Indiana Jones: Temple of Peril'. It was exactly like it sounded. Torches burnt with fire as we beheld half-broken

tracks. And then came the best part. The

'Tower of

Terror'. My brother joined me as my parents explored more food stalls. I tried, but they absolutely refused to get on another rollercoaster. So the two of us waited in line for over two hours, where we met some very nice teenagers and chatted away till it was time. The ride was unlike anything I have ever

experienced. They started by leading us through a dusty, cobwebbed corridor. We then made our way to the elevator, the actual ride. We sat in seats, buckled in our seatbelts and held on to our bags (a helpful tip from the teens!). And then we fell. Imagine being trapped in an elevator and then just falling. The elevator lurches to a stop. This continued and at one point, we got the top (and most breath-taking) view of Disneyland. The ride ended immediately after.

My brother and I now got back to our parents, and we ended the day with the 'It's a small world' boat ride. I tossed my coin in the well, I wished for the day to never end! I'll always cherish these memories and look forward to the day we return.

MAITREYEE GANGAL, class IX, Vidya Valley, Pune

Is Cinderella a tale for the 21st century?

Il of us have grown up reading the story of Cinderella. And chances are, we have also romanticised certain elements of the story. But I want to ask you - is Cinderella a suitable bedtime story in this day and age? The seemingly harmless tale of 'Cinderella' seduces us with its magical elements (fairy godmother, pumpkin carriages et al.) while transmitting sexist values to young impressionable children - an act that has wider sociological ramifications.

The story 'Cinderella' presents a parochial view of women. It perpetuates the notion that women's rescue from miserable suffering is contingent on fate, a prince and wedlock. Cinderella is an archetype of virtuous suffering- a docile woman who accepts the abuse and mistreatment meted out to

her without a question. The love at first sight narrative reflects that the prince is attracted to Cinderella only because of her physical beauty. He doesn't even know her name; hence he resorts to finding her using the glass slipper. This detail symbolises that she is not an individual to him; only a beautiful, petite woman with her dazzling dress and sparkly glass slippers. Young girls are taught to tend to their bodies to become attractive and hence, easily marketable to land their prince. It is quite disturbing how the prince chooses Cinderella from a swarm of girls and women. This is a reflection of the time when women were actually considered a property of men and were treated like chattel.

The reasons why the rags-to-riches story of Cinderella gained currency in the past is twofold. In 1697, when the Frenchman Perrault first wrote Cinderella (originally 'Cendrillon'), there wasn't an equal distribution of wealth in the society. The situation was further exacerbated as women were considered inferior to men and were debarred from being independent. Holy matrimony into a rich household was their only escape from the shackles of poverty. This troupe is largely irrelevant in today's world where women can get educated, be financially independent and live life on their own

We need to scrutinise traditional and contempo-



rary literature and evaluate whether these stories keep up with the times. Women are no longer victims of their circumstances. We don't have to cling to men for survival and success. As Pei-Ti Feng wrote in their essay, 'Cinderella: A Tale that Promotes Sexist Values': 'Today we need not be Cinderella - we can be the Prince!'

Although, it should be noted that Disney is moving away from stereotypes and has made many movies with strong role models that girls look up to. Moana, Mulan, Merida from 'Brave', Elsa and Belle are a few examples of fearless and ambitious characters who didn't need men to achieve their dreams. We must stop reading patriarchal tales to children and instead narrate stories with inspirational and determined protagonists.

> Tejashree Sonawane, St. Xavier's College, Mumbai

Climate change: Greatest threat in history

limate change is not a disaster in waiting, unfortunately it's a phenomenon already alive and kicking. The point of no return has already been crossed and if the global population can mindfully react to this situation, it could buy us more time to sustain mankind, rather than accelerate the freefall to Armageddon.

Increased greenhouse emissions have resulted in global warming thereby precipitating in increased sea levels, unseasonal cyclones, storms and weather disruption.

We are knee deep into FOR this problem, the only way forward is up. All countries need to commit to the clauses in UN Climate Change policy & Paris accord to start with. Cutting down on pollutants from fossil fuels, air pollution from vehicles and switching to natural renewable sources could be a way forward.



alienate this problem by saving energy at home, vehicle pooling, focusing more on recycling and reuse and preserving nature

ISHIKA RAHUL, class IX, Pawar Public School - Amanora, Pune

Every individual must do his bit to

mentioned earlier, these are due to humans' irresponsibility. Technological threat means extreme advancement of Artificial Intelligence. **AGAINST** This is also due to the upgrades humans provide for these systems. Lastly, extraterrestrial threat is the aftermath of poor relations with beings outside the earth's surface. This may directly, or indirectly, be caused by humans as well. To conclude, all these major issues start with a similar pattern; that being humans are at the core of these problems. We cause our own doom. Climate change could've been prevented – or at

he biggest threat to humans will always be humans them-

selves. We cause all the pollution, which causes climate

change, and global warming. We could've prevented this

According to research, the three deadliest threats to

and extraterrestrial. Ecological threat refers to

the adverse effects of climate change. As

human civilisation are: ecological, technological,

dreadful situation if we hadn't been too careless and selfish.

least accelerated slower - if we hadn't been so reckless. ISHA KULKARNI, class IX, Vidya

Valley School, Pune

Ish Sodhi

WEDNESDAY, NOVEMBER 10, 2021

ICC T20 WORLD CUP 2021

TITLEFAVS CONSISTENT NZ

Team will rely on X-factor players to upstage NZ in likely high-scoring first semifinal

itle favourites but injuryhit England will bank on their X-Factor players to upstage a remarkably consistent New Zealand in the first semifinal of the T20 World Cup in Abu Dhabi, on Wednesday. England were the pre-tournament favourites and played like one for the majority of the Super 12 stage. However, their loss in the final group game to South Africa showed that they were not an invincible outfit. The absence of Jason Roy, who suffered a calf injury against the Proteas, is a big blow to the team heading into the semifinals. Roy and Jos Buttler made arguably the most destructive opening pairing of the tournament.

With Roy ruled out of World Cup, there is a strong possibility that Jonny Bairstow will be promoted to bat alongside Buttler, who will be expected to play another match-winning knock on Wednesday. Sam Billings is likely to come into the team and bat in the middle order. A big positive is that most of the batters have spent valuable time in the middle going into the knockout game

BOWLING CONCERNS FOR ENG

However, concerns have emerged in the bowling department after Tymal Mills was ruled out of the tournament with a thigh injury. Mills was doing a brilliant job in the death overs but now, it will be one area that the opponents would look to exploit.

Mark Wood, who has the pace but not the variations of Mills, was the most expensive bowler against South Africa. England would be hoping it was just one bad day in the office for their pacers as all of

The role of spinners Moeen Ali and

QUICK FACTS

- ❖ England and New Zealand will lock horns for the first time in an ICC knockout game since the 2019 ODI World Cup final.
- England eye a third final of the ICC men's T20 World Cup,
- New Zealand will be aiming for the finals slot of the T20 World for the first time since the inception of the event in 2007.
- In case semi-final games are tied, a Super Over will be played and if that also doesn't help in deciding the winner then another Super Over shall be staged until there is a clear winner.
- ❖ As per ICC, after a tie, if weather conditions prevent the Super Over from being completed, or if the match is abandoned or it is a no result, then the side that finished first in its Super 12s Group will progress to play the summit clash.
- The 2019 ODI World Cup final witnessed a first-ever Super Over in which England defeated New Zealand to lift their maiden title on the basis of boundary countback rule at the Lord's Cricket Ground.
- In the Super Over, both teams managed to score 15 runs each but England was announced as the winner as they had hit more boundaries in the

Adil Rashid will be massive as they will aim to provide the wickets in the powerplay and middle overs.

NZ LOOK SET FOR FINALS

Players will also have the 2019 ODI World Cup final at the back of their minds where both teams could only be separated by a boundary countback rule. Since then, New Zealand have displayed that they are not just a very consistent team in ICC events, they can also go all the way with their triumph in the World Test Championship final. The "nice guys" of world cricket look good to finish first in this competition too.

New Zealand have been arguably the best bowling unit in the tournament, restricting India to 110. Even a dangerous side like Afghanistan could only muster 125 against them. The seasoned new ball duo of Trent Boult and Tim Southee has been very hard to put away as they both have been immaculate with their line and lengths. Lockie Ferguson's unavailability could have easily disturbed their plans but Adam Milne has proved to an able replacement. Both the spinners, Ish Sodhi and Mitchell Santner, too have been impressive. Sodhi has provided wickets in the middle overs which has not allowed the opposition to break free.

New Zealand's batters have also made an impact during the course of the tournament. Opener Martin Guptill has been their leading run getter with his partner Daryl Mitchell also in decent form. Skipper Kane Williamson got runs in the last game and will be itching to make another memorable contribution in the all important semifinal.

Abu Dhabi has had the best batting surface across the three venues of the showpiece, so one can expect a high scoring affair. PTI



IT, INDIA HAVE CAPABLE GUY

He is ready and waiting in wings, says outgoing coach Ravi Shastri

his highly eventful tenure as India's head coach, feels that Rohit Sharma is "ready and capable" to take over the T20 captaincy from Virat Kohli and sharing the leadership burden isn't such a bad idea in a post COVID-19 world. Rohit, who

will be taking over T20 captaincy from the New Zealand series, is also being tipped to lead India in the 2023 ODI World Cup and the formal announcement in that regard may happen sooner

"I think in Rohit, you have got a very capable guy. He has won so many IPLs, he is the vice-captain of the team, he is ready in the wings to take

that job," Shastri said, making it clear that at this point, no other candidate is being looked as a potential leader.

avi Shastri, who completed He, in fact, welcomed the idea of Rohit a bad thing because of the bubble and so

taining in Tests. "I think multiple captains is not such

EMOTIONAL, BUT LEAVING TEAM IN A BETTER STATE

Ravi Shastri did admit that he was indeed feeling "very emotional" having been part of this set-up for close to six and half years. Asked if he feel that there's anything missing? the straight-talking outgoing head coach said, "I don't look at missing parts. When

I took over there were 10 missing

parts. Now there are only two."

leading in shorter formats and Kohli cap- much cricket being played, the players need to be rotated around and given the space they need to spend some time with their families and see their parents.

"When a guy doesn't go home for six months he might have his family with him but you have parents and other family and if you don't get a chance to see them, it's not easy at all, so I think it's not such a bad thing," he opined.

Shastri is convinced that despite their indifferent performance in this edition of T20 World Cup, India will continue to be a very strong T20 team in near future.

"...and as far as T20 team goes, we will always have a strong team. We might not have won this T20 World Cup but going forward, we will have a very strong team, because IPL throws a lot of young players into the mix and Rahul (Dravid) will have his own ideas on how to take this team forward. I see this still to be a very good team." PTI

RAHI SARNOBAT, MANU **BHAKER IN 25M PISTOL FINAL**

'ndia's Rahi Sarnobat and Manu Bhaker quantification the finals in the Manu Bhaker qualified women's 25m pistol event on competition day five of the ongoing International Shooting Sport Federation (ISSF) President's Cup in Wroclaw, Poland..

Both the Olympians shot identical scores of 583 in qualification, but Rahi took fourth place ahead of Manu's fifth on higher inner 10s. The eight-shooter final is scheduled on Wednesday.

It was triple delight for Bhaker as she also qualified for the gold medal match in the 25m rapid fire mixed team Pistol event, assuring her of at least a silver to add to the gold she won with Iran's Javad Foroughi in the 10m air pistol mixed team event.

Bhaker partnered Turkey's Ozgur Varlik to first make the second qualification stage of eight pairs and then finished second to the the best individual athletes Chinese/Estonian combine of the year. PTI



of Xiao Jiaruixuan and Peeter Olesk to make the gold medal round. That final will also take place on Wednesday.

The inaugural ISSF President's Cup is a rechristened version of the ISSF World Cup Finals, where the year's top 12 shooters by world ranking are invited to determine

QUIZ TIME!

Q1. Who was adjudged the "Player Of The Match" in the T20I played between India and Afghanistan recently?

- a) Virat Kohli
- b) Hardik Pandya
- c) Rashid Khan d) Rohit Sharma

2. Which is the highest partnership in all the

- **Cricket World Cup tournaments?** a) Rohit Sharma and Virat Kohli
- b) Gautam Gambhir and Virendar Sehwag c) Chris Gayle and Marlon Samuels
- d) Martin Guptill and Lance Klusener

• Who holds the current • record for most wickets in all the Cricket World Cup

- tournaments?
- a) Mitchell Starc b) Glenn McGrath
- c) Mohammed Shami
- d) Zaheer Khan

Which Summer Olympics was the only one to have featured cricket?

a) 1900 b) 1908 c) 1912 d) 1896

05. How many times has Brazil won the FIFA Football World Cup?

a) 3 b) 5 c) 7 d) 11

6. What nickname was Rahul Dravid given in the cricket world?

a) The Brick b) Master Blaster c) Captain Cool d) The Wall

Photo: GETTY IMAGES



7. Which country houses the "International Tennis Hall of Fame"?

- a) Canada
- b) England
- c) United States of America d) Australia

Q8. Which professional boxer is nicknamed the "Hurricane Hank"?

- a) George Foreman
- b) Jack Jackson
- c) Henry Armstrong d) Jack Dempsey

Q9. Who is the youngest boxer to win a heavyweight title?

a) Muhammad Ali

b) Mike Tyson

c) Joe Frazier

d) James Toney

• Who was the first wrestler from independent India to win an individual medal in wrestling in the Olympics?

- a) K.D. Jadhav
- b) Sushil Kumar c) Dara Singh
- d) Vijender Singh
- SWERS: 1. d. Rohit Sharma
- 2. c. Chris Gayle and Marlon Samuels 3. b. Glenn McGrath 4. a. 1900
- 5. b. 5 6. d. The Wall
- 7. c. The United States of America
- 8. c. Henry Armstrong 9. b. Mike Tyson 10. a. K.D. Jadhav