



# THE TIMES OF INDIA

[www.toistudent.com](http://www.toistudent.com)
**TODAY'S  
EDITION**

➤ Want to get a firm hold on the formulae and equations? Our experts tell us how to memorise them

**PAGE 2**


➤ As we battle stress in these tough times, yoga experts recommend few exercises for our mental and physical health

**PAGE 3**


➤ IPL 2021: In the battle of equals, Mumbai Indians and Delhi Capitals look to dominate each other

**PAGE 4**

**STUDENT EDITION**

TUESDAY, APRIL 20, 2021


**WEB EDITION**
**CLICK HERE: PAGE 1 AND 2**

## ANTARCTICA'S DOOMSDAY GLACIER

**WHAT:** Researchers have warned that the supply of warm water to Antarctica's Thwaites Glacier, also known as the 'doomsday glacier', is larger than previously thought. It may lead to faster melting, and accelerate ice flow, a risk for global sea levels, they add

### WHY IS IT A MATTER OF CONCERN:

■ With a width of 120 km and a size of 1.9 lakh sq km, the fast-moving and melting Thwaites Glacier is often described as the 'doomsday glacier', because of the risk it faces and poses. It has enough water locked up in it to raise the sea level of the world

■ Studies have found that the amount of ice flowing out of it has nearly doubled over the past 30 years.

■ Today, Thwaites' melting already contributes 4 per cent to the global sea level rise each year

■ It is estimated that it would collapse into the sea in 200-900 years

■ According to experts, warm water is approaching the pinning points of the glacier from all sides, impacting the locations, where the ice is connected to the seabed, and where the ice sheet finds stability.

■ This, they warn, has the potential to make things worse for Thwaites, whose ice shelf is already retreating

### HOW IS THWAITES MELTING:

■ Experts claim that the location of the grounding line (the region where ice, transitions from grounded ice sheet, to freely floating ice shelf) is a pointer to the retreat of a glacier

■ According to them, when glaciers melt and lose weight, they float off the land, where they used to be situated, leading to the grounding line to retreat, exposing more of glacier's underside to seawater

■ This leads to the speeding up of the glacier, which in turn stretches and thins, causing the grounding line to retreat even further


**X-PLAINED**

Pics: Istock

### THE IMPORTANCE OF THWAITES

■ Currently, Thwaites acts as a crucial buffer between the warm sea and other glacial shelves. Its collapse could expose the neighbouring ice masses in West Antarctica to warm the ocean currents

■ Cumulatively, this process could end up raising sea levels by as much

as 10 feet, enough to permanently submerge several coastal areas,

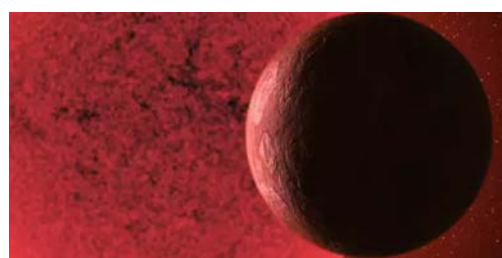
Pics: Istock



including New York City, Miami and the Netherlands

■ The increase in sea level is also likely to result in greater frequency of high-intensity storms. For instance, an increase in sea level of 50cm would mean that a storm that used to arrive every 1,000 years would now be witnessed every 100 years

## DISCOVERED: A 'super' Earth that takes only 2.4 days to complete a year

**BREAKTHROUGH**


Establishing human life on another planet may seem like a dream that's far away, but astronomers are already on the hunt for the next new candidate. And they seem to have found one, **36 light years away**. A student at the Instituto de Astrofísica de Canarias, a research institute in the Canary Islands, has uncovered a **new super Earth orbiting the star GJ 740, a red dwarf**. Interestingly, it only takes **2.4 days to complete one orbit around its star**. According to researchers, it has the second-shortest orbital period detected around a red dwarf so far. This super Earth around GJ 740 has three times the mass of the Earth – a little smaller than Neptune, the fourth-largest planet in our solar system after Jupiter, Saturn and Uranus.

While the Earth takes 365.25 days to complete a year, this new super Earth does in less than a week, in two days, nine hours and thirty minutes to be precise

### WHAT IS A 'SUPER' EARTH?

Super Earths are at least twice the size of our planet, and up to 10 times its mass. They're also lighter than the solar system's ice giants, Neptune and Uranus. But they don't necessarily have to be made up of rocks. They can also be made up of gas or a combination of both. They are called 'super' Earth because of its massive size

### ARE SUPER EARTHS, NEXT TO RED DWARFS, HABITABLE?

■ Astronomers come across red dwarfs a lot, as there are dozen of them within the Milky Way. Some studies estimate that red dwarfs make up three-quarters of the stars in the galaxy

■ In 2013, simulations showed that the atmosphere around red dwarfs may be conducive to life under the right conditions. The sun would appear a lot bigger, and there may be black plants instead of green

Source: Business Insider

## Teens design a rover to exhibit at NASA

Ten school students from Cuttack, Odisha, have designed a rover to be exhibited at the NASA Human Rover Exploration Challenge 2021. The students, belonging to the Navonmesh Prasar Student Astronomy Team said, "the rover has been designed for

the Artemis Mission 2024, which will send the first woman and the next man to the Moon." The rover is capable of travelling on different kinds of martian terrains, they added.



The competition requires participants to design, build and test a human-powered rover, which is capable of traversing exoplanetary-like landscapes

Pics: ANI

## Child safety groups urge FB to reconsider Instagram for kids launch

**TECHAWAY**

Opposing Facebook's plans to launch an Instagram for children, child safety advocates from around the globe have urged the social media giant to cancel its plans to launch a version of Instagram for kids. In a letter to Mark Zuckerberg, the CEO of Facebook, they called Instagram as "image-obsessed", and stated that the social media platform is dangerous for children's mental health and privacy. "Instagram, in particular, exploits young people's fear of missing out and desire for peer approval, and encourage children and teens to constantly check their devices and share photos of their followers," the letter stated.



Facebook has received the letter at a time, when it has been criticised for adding to misinformation globally across its platforms. The letter also spoke about younger children not being equipped to handle the pressures that arise as a result of being active on social media platforms.

As per the current Instagram policies, children under the age of 13 cannot create an account for themselves. In contrast, Instagram for kids would only allow children under the age of 13 to use Instagram

Share your views at [toinlet75@gmail.com](mailto:toinlet75@gmail.com)

## 105 METRE

**FACTOID**

That's the length of a six smashed by Mumbai Indian batsman Kieron Pollard, the longest in the IPL history. In the 17th over bowled by debutant Mujeeb Ur Rahman from SRK,

Pollard hit the first six of his knock, which landed on the roof of Chepauk. The West Indies dasher hit three maximums during his innings against Sunrisers Hyderabad (SRK) to become the third overseas player after Chris Gayle and AB de Villiers to hit 200 sixes in the IPL.

## Equal pay has been my biggest struggle: Gal Gadot

Even 'Wonder Woman' has to fight for equal pay. Hollywood star Gal Gadot says, her biggest struggle as a woman has been against pay disparity between her and her male co-stars.

**Celeb talk**

It may be noted that after the film's box office success, there were stories that the actor was paid less than what her male counterparts earned in similar roles. It reignited the debate around the gender pay gap, something that several female Hollywood actors, from Jennifer Lawrence, Salma Hayek to Emma Watson, have spoken about

My biggest struggle as a woman has been to get equal pay as my male co-stars, (all of) whom I love so much. As a human being, I have struggled with many other problems. But the thing that I fought for the most, was equal pay with my male stars



Pollard overtook RCB star Glenn Maxwell, who had hit a 100-metre-long six earlier this season

- Pollard (105m), ■ Maxwell (100m), ■ Surya Kumar Yadav (99m), ■ Manish Pandey (96m), ■ Abdul Samad (93m) have hit the biggest sixes in IPL 2021, so far

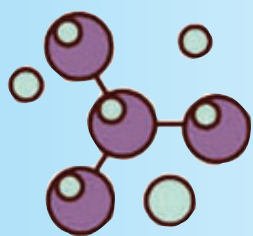


CHEMISTRY IS ALL ABOUT FORMULAS, EQUATIONS, REACTIONS AND MORE. HERE ARE SOME WAYS TO REMEMBER THEM TO GET A FIRM HOLD ON THE SUBJECT.

# Balance the equations of

## CHEMICAL EQUATION

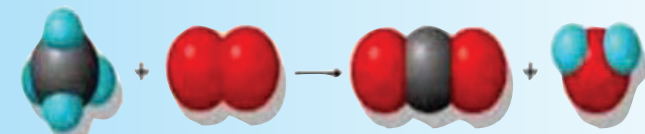
A chemical equation is a symbolic representation of a chemical reaction in which the reactants and products are denoted by their respective chemical formulae. Let's look at the easiest way to remember chemical equations:



## HOW TO BALANCE EQUATIONS

### STEP 1:

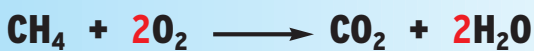
Write the equation and count the number of each atom in both reactant and product.



Reactants		Products
1 C atom	=	1 C atom
4 H atoms	≠	2 H atoms
2 O atoms	≠	3 O atoms

### STEP 2:

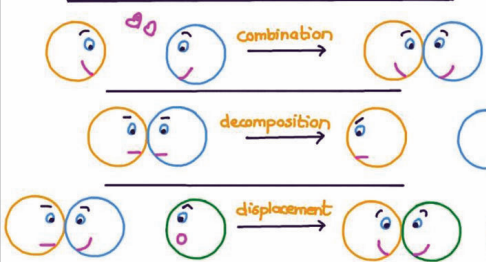
Place a coefficient in front of the molecule to balance the equation.



C-1	=	C-1
H-4	=	H-4
O-4	=	O-4

## AN EASY WAY TO REMEMBER THE TYPES OF REACTIONS ARE

### TYPES OF CHEMICAL REACTIONS



Everything felt so unfamiliar when the pandemic began last year. There was fear and there was stress. The uncertainties continue to loom and life is yet to come back to normal. The exams are now cancelled, but the tension about the future lingers. There are a few ways to keep oneself grounded. If you feel like you are losing your way, a good trick is to press your palms together with your eyes closed. This helps you find your place and jumpstart your sense of balance, rooting you to something concrete. Another trick to slow things down is to press your palms against a wall with your feet firmly on the floor. Apart from giving you an outlet for your energy this pose allows you to collect your thoughts and take things more slowly.

Yashica Prasad, class X A, Vista School, Hyderabad

## BREATHE EASY



## SELF MOTIVATION HELPS NAVIGATE UNCERTAINTIES

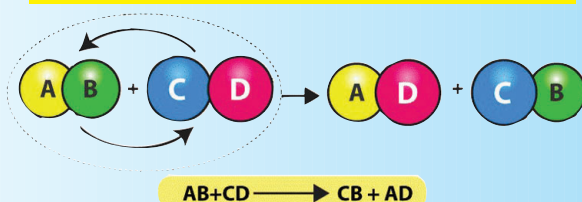
With exams being postponed, there is ample time now to revise every subject. There are no excuses now! I have made a habit of setting three main objectives to be accomplished on a daily basis. I write them on a sticky note and paste it at a place where I can see it frequently. By limiting the number of daily goals, I have clearly defined what I need to work on. I am able to work with greater intention on these self-assigned tasks.

It has curbed procrastination. This habit has in fact made me a motivational speaker on social media platforms. Self-motivation and setting realistic goals have helped me concentrate more on my academics and score good grades.

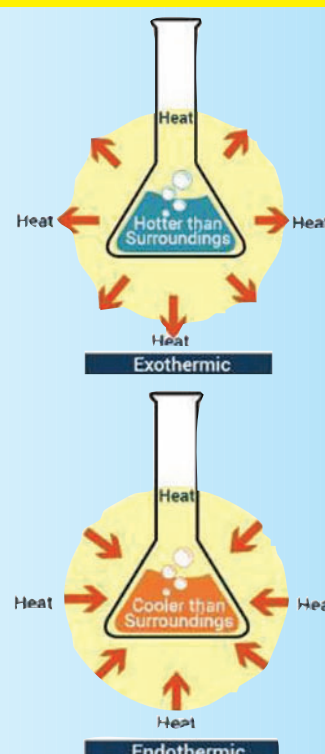
Rishi Bhardwaj, class - XII 'B', Army Public School, Bolarum, Secunderabad

# life in Chemistry

## DOUBLE DISPLACEMENT REACTION



## EXOTHERMIC & ENDOTHERMIC REACTION



## OXIDATION REACTION

ADDITION OF OXYGEN

OXIDATION

REMOVAL OF HYDROGEN

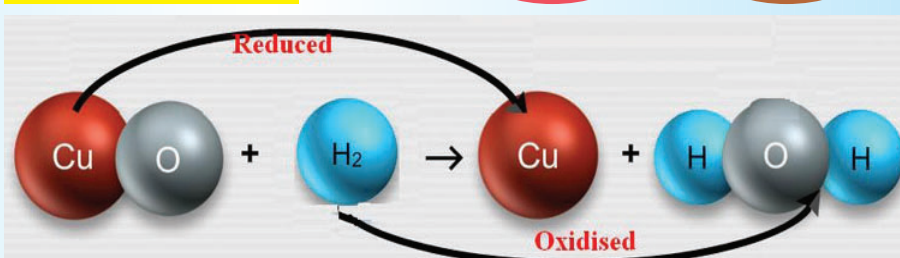
## REDUCTION REACTION

REMOVAL OF OXYGEN

REDUCTION

ADDITION OF HYDROGEN

## REDOX REACTION



D Mary Sorna Rani, Chemistry teacher, Bhavan's Adarsha Vidyalaya, Kakkanad, Ernakulam



## UPSIDE OF DOWNTIMES

Exams postponed?

**Make the best use of the extra time**

Have you imagined how sportspersons might have felt when Tokyo 2020 Olympics got rescheduled because of the pandemic? It came as a seismic shift to sports fraternity worldwide, all of whom had been working hard and waiting for four years for the Olympics. Sometimes we can't control the situation but we can adapt and adjust ourselves.

As examinations are postponed, the situation has received mixed reactions from students and parents. Students who were fully prepared and ready to compete, now feel dejected while some welcomed the decision as this gives them better chance to revise and cover more topics.

So, here are few points to keep you driving towards your goal, with extra time in your hand:

## SET YOUR OWN PACE

Don't sit with books and study the whole day. Instead, decide study time and topics.



## GO DEEP

Instead of last-minute cramming, take up more in-depth study of topics.

## INCLUDE COMPETITIVE EXAM PREP

Utilise this time to take up more practice questions, previous year question papers for accuracy and time management.

## DON'T PROCRASTINATE

Make flexible yet realistic routine to blend in studies, physical activities, relaxation time in balanced way.

## DON'T TAKE VERY LONG BREAKS

This could spoil your momentum and study mode. Rather, set daily goals.

## AVOID BINGE

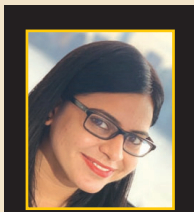
Don't Netflix & chill. Avoid binge watching shows & movies.

## DON'T OVERDO

Don't stress yourself. Proceed calmly.

Don't let the uncertain and tough times make you weak, but take this as opportunity because no effort ever goes waste! Remember curricula is designed in a flow chart manner, whatever you study now will help you in future courses.

Ginni Nanda,  
Teacher, Podar  
International  
School, Sangli



## MY SCHOOL PROJECT

# TRANSMITTING MUSIC THROUGH LEDs

You know that radio waves can transmit audio, video and similar signals, but did you know that visible light can do the same thing? Using a very simple circuit design and some commonly available parts, we can easily construct a device which allows us to transmit music wirelessly through LED lights!

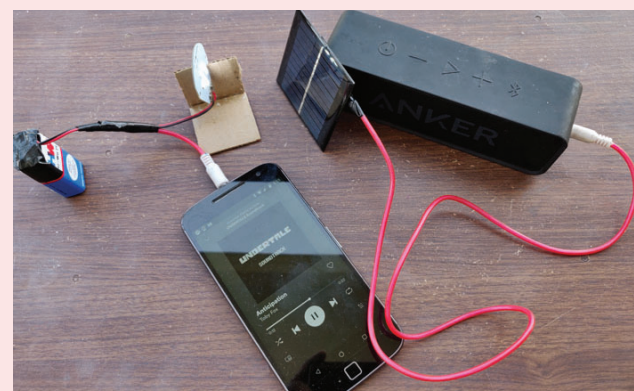
## MATERIALS USED IN THIS PROJECT

- An LED bulb
- A resistor
- A solar panel
- A 9-volt battery
- A 9-volt battery holder
- Aux cables (the cable which allows us to connect to a media player)
- Connecting wires circuit diagram for the project

For a typical setup, the LEDs are powered solely off the battery. Since the current provided by the battery is DC (direct current), there is absolutely no variance in the light of the LEDs. But if we connect the audio jack which is connected to a music player in between the lights and the battery, a tiny electrical current passes through it.

Normally, this current is used to power your headphones or speakers, since they contain advanced electromagnets which take very little electricity to run. But in this project, we are forcing the tiny signal from the music player to instead 'interrupt' the flow of electricity to the LEDs.

The interruption in the electricity causes those LEDs to

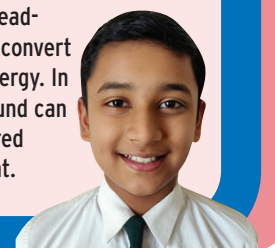


flash. Moreover, that flashing occurs in exactly the same pattern as the interruption. And since the so-called interruption is, in fact, a signal carrying music, that means that the lights are now transmitting the information which the music player is playing.

In a fashion similar to how a

radio antenna receives broadcasts, we then use a solar panel to convert the pulsating light frequency back into electricity, which the headphones can convert to sound energy. In this way sound can be transferred through light.

Ishanth Rajesh, class VII, DPS Whitefield, Bengaluru





## Together We Celebrate



**W**ith bowls of delicious 'Ugadi Pachadi' adorning their study tables, one could almost breathe in the myriad aromas of glossy jaggery, sticky tamarind, hints of raw mango, fresh bouquets of neem flowers, the pungency of chilli powder and the white purity of salt. An exquisite collocation that reminded everyone of the authenticity of life and its paradigm of being an amalgamation of the six aspects of emotions - the bitterness of life represented by the neem flowers, the tangy taste of the raw mango that symbolises unexpected surprises in life, the salty taste of the unknown, the heat of the chilly that represents anger and outbursts of strong emotion and jaggery that symbolizes happiness in life.

Students of Gitanjali Devshala were resplendent in their finest traditional attire. They beamed with pride and absolute jubilation as each of them spoke about Ugadi and its significance.

Melodious notes of classic 'Ugadi' songs filled the air as children performed wonderful renditions of famous folk songs sung during the

**Gitanjali Devshala**  
Hyderabad

festival. Study areas took on a whole new look as the children decorated them with mango leaves, flowers and fairy lights. The festivities brought out the artist in many as they displayed their Ugadi paintings.

The rows of sweet smelling jasmynes, rangoli decorated courtyards, thresholds with rows of mango leaves and marigolds formed the perfect backdrop to celebrate the human spirit and new beginnings, as was presented by the students. Ugadi made its presence felt with the soaring of the spirits and a surge of happiness on the faces of the children as they gave a detailed explanation of the significance of rituals and the ingredients which go into the making of 'Pachadi'.

Grandparents took the centre stage as they shared the relevance of the celebrations. The joy exuding from their faces as they shared precious, timeless moments with their grandchildren brought smiles on everyone's faces.



**Niraj Public School**  
Hyderabad



**A** festival of summer, Ugadi is also known as Visu in Kerala, and Gudi Padava in Maharashtra. This festival is also known as 'Yugadi,' which literally means 'Start of a new Yug or Era in Sanskrit'. Ugadi marks the beginning of a New Year in the Southern states of

Andhra Pradesh, Telangana, Tamil Nadu, Karnataka and Kerala.

Ugadi is incomplete without the 'Ugadi Pachadi' which is prepared using six ingredients - raw mango, neem, tamarind, jaggery, chilli and salt. It is said that this incorporated dish serves as a perfect representation of life itself which means

happiness, sorrow, anger, bitterness, surprise and fear.

At Niraj Public School, Ugadi celebrations began with a prayer performed by principal B Jivitesh Reddy. Students enjoyed the beautiful dance performances and melodic songs virtually. The festivities concluded with the almanac reading.

**T**he New Telugu year 'Plava' was celebrated with traditional fervour at Pallavi International School, Gandipet. Ugadi or Yugadi is the festival that marks the commencement of the traditional New Year in the Deccan regions of the country.

A special assembly was conducted by teacher Janaki along with many students. The assembly started with a sloka, followed by the principal addressing the gathering and a welcome dance by Sudhiksha.

Speaking on the occasion, principal Meetal Archit explained the importance of the festival, the holy bath and the Pachadi served during the festival which represents different aspects of life. Extending the festival greetings, she blessed the children and wished everyone a Happy Telugu New Year.

Sasi, the Telugu teacher, explained in detail about the Ugadi festival and the rituals associated with it.

Sri Charana from class IV explained beautifully the significance of the festival while

**Pallavi International School**  
Gandipet



another student Ananya explained how to prepare the Ugadi Pachadi.

Students Moksh took everyone through the Panchanga Sravanam and Rishank gave a speech on the importance of the festival.

The programme ended with a regional dance by student Handawi followed by a rendition of the national anthem.

## FROM THE PRINCIPAL'S DESK

### Facilitating internationalism in curriculum

**M**y International Dimensions in Schools (IDS) journey has been gratifying and enriching where I got an opportunity to transform myself as an educator. We, at Springfields School, believe that globalisation in education paves the way to prosperity, growth and harmony among nations and makes available to pupils an opportunity to add to the knowledge about the distinguished entities existing on the world map and facilitating internationalism in curriculum.

This IDS project has provided our students with many global trends in education. They were able to compare and contrast the different languages, food habits, environment, seasons, crops and dresses that form the cultural essence of different countries of the world.

Our class activities, assemblies, programmes, field trips, exhibition, meetings, preparation of charts, models, skits gave an unforgettable experience which will be cherished by one and all. This IDS project

has given me a chance to share the best of my practices as a teacher with international associates along with an opportunity to gain professional development.

We endorse that learning does not happen in isolation but in alliance and confederation which is pleasurable and reciprocating. The work put in by each and every person involved in this project, the active participation of all the activity incharges have ensured that we longed to be the members of this project. It reached the juncture where we all achieved personal and professional growth. In spite of all the challenges we enjoyed putting together our mental, spiritual and physical capabilities and positive energies. Our school emphasises upon the holistic growth of children with the focus to produce globally aware citizens who would contribute effectively to the Indian society & serve the international boundaries at large. We believe that the IDS work was one of the most delightful examples of teamwork, solidarity, cooperation and understanding.

Once again I would extend my heartfelt thanks to the British Council for giving me this opportunity.



**HASEENA SULTANA,**  
IDS coordinator,  
British Council,  
Springfields School,  
Tolichowki

## COMMITTED & CONNECTED



**My beloved teachers**

**T**here are many inspiring icons like Mahatma Gandhi, Gunjan Saxena, Kalpana Chawla, S I Padmavati and many more, but I am mostly inspired by my teachers. All my teachers since my childhood have always taught me to be respectful, brave, and never to lose hope.

My teachers are warm-hearted, caring, compassionate, and loving. I learned leadership qualities from them which include being passionate, supportive, courageous, decisive and committed. My teachers have always encouraged us to participate in competitions and tell us that if we lose we should never give up and try until we succeed.

During this pandemic, I am sure that my teachers worked very hard to adapt to online teaching and also guide us on how to adapt to it. They say that every threat is an opportunity

and my teachers proved it by making the previous academic year (2020-2021) a remarkable year for all of us, not only by making us understand the topics perfectly but also by conducting spectacular programmes and competitions throughout the year, making us happy. Even though everything was online my teachers encouraged us to



### INSPIRING ICONS



participate in every competition they conducted which included Ganesha making, rangoli competition, tee designing, and many more.

They also motivated me to participate in an online intra-school Japanese contest where I had to speak in Japanese.

Thank you teachers for everything.

**Y ANANYA,**  
class VII A,  
Gitanjali Devashray

### SAVIOUR

I ran around the canopy, the trees around were a feast to my eyes and I heard a whisper, A Tree spoke thus: I am huge with branches spreading out far and wide Giving shade and shelter To humans and all creatures Giving out oxygen I save living things around the globe Taking in carbon dioxide to make everyone around me survive Agriculture depends on rain For which I cool the rain bearing clouds quenching the thirst of barren lands and replenishing the water bodies Preventing floods is part Of my duty Working round the clock for sustenance of life on globe Maintaining temperature My humble plea to humans Consider me your friend, Don't axe me down follow my principle: **LIVE AND LET LIVE.** Saying so, the tree shook its branches, cool breeze Kindled my feelings of Love and compassion.

**N RM SHANTHA,** Teacher, Sister Nivedita School



### BENEFITS

- 1 Relieves gastritis, indigestion, flatulence, acidity. It helps burn fat.
- 2 Improves flexibility of the spine and corrects the posture of the shoulders.
- 3 Massages the pelvic organs and strengthens them.
- 4 Reduces stiffness in the back, neck, shoulders and knees. Reduces anxiety and stress too.
- 5 Improves blood circulation, strengthens and stretches the hips, arms, thighs, legs.

## Trikonaasana

Trikonaasana or Triangle pose is a standing yoga pose



### INSTRUCTIONS

- Step 1 Stand straight with the knees unbent and the feet 3 1/2 or 4ft apart.
- Step 2 Turn your right foot to the outside by 90 degrees and the left foot inside by 15 degrees. Heels should be kept in line with the hips.
- Step 3 Align the centre of the right heel with the centre of the arch of the left foot. Feet should press the ground firmly and weight of body should be equally balanced on both sides.
- Step 4 Spread arms to the sides with palms facing down.
- Step 5 Extend trunk to the right.
- Step 6 Drop the right arm so the right hand reaches the front of the right foot.
- Step 7 Extend the left arm vertically. Twist the spine and trunk in a counter-clockwise direction.
- Step 8 Stretch the arms away from one another. Turn your head and look up to intensify the spinal twist.
- Step 9 Hold the position for 5- 10 breaths. Inhale deeply. Relax your body with each exhalation.
- Step 9 Repeat the posture by switching the position of the legs.

### PRECAUTIONS

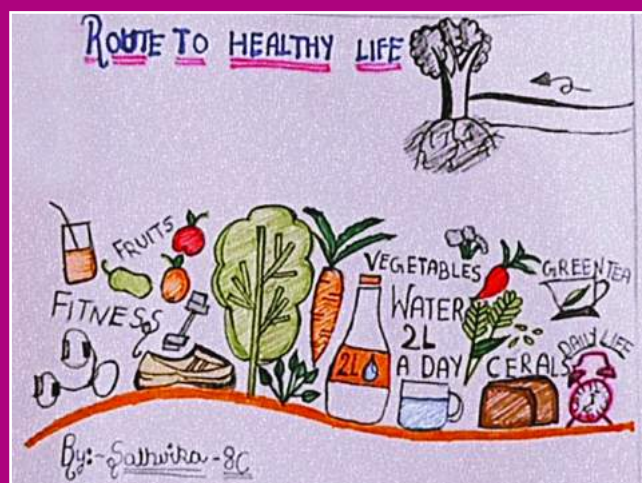
This asana should be avoided by those who have

1. Migraine,
2. Diarrhoea,
3. Blood pressure problems
4. Injured neck and back.

**ALOKE DAS,** Yoga Instructor, Birla High School, Kolkata

"The views expressed in the above article are those of the author's and the newspaper takes no responsibility of it."

## Painters' Gallery



**KEEP FIT:** SATHVIKA, class VIII C, Delhi Public School, Mahendra Hills



**FLORAL ART:** WAFIA AMATUL RAHMAN, class X B, Madina High School, Hyderabad

**CLEAN & GREEN:** SAHASRESH, class VII, Jain Heritage A Cambridge School, Kondapur



FREE LIVE WEBINAR ON **Zoom**

Excel in Exams with  
**SUPER MEMORY**

CLICK HERE TO REGISTER NOW



**24th April- Saturday**  
5:00 PM - 7:00 PM



LEARN MORE- CONTACT US  
**8369921373 / 8369842382**



Student age group  
**8 years and above**

Note:- Parents should attend the webinar along with the child.



With Master Trainer  
**Amrut Jadhav**  
FOUNDER OF BRAIN INFINITE  
AUTHOR OF YOU CAN HAVE A JUMBO MEMORY  
INTERNATIONAL MEMORY ATHLETE & COACH



# MI, DC LOOK TO DOMINATE THE OTHER IN BATTLE OF EQUALS

**A battle royale is in the offing as heavyweights Mumbai Indians and Delhi Capitals cross swords, looking to outsmart each other in an IPL match in Chennai on Tuesday**

## DC look forward to carry on the winning streak

Up against a resurgent side, defending champions MI will need to address their middle-order woes if they are to go for a third consecutive win. While Delhi come into the match after beating Punjab Kings by six wickets at the Wankhede Stadium, Mumbai have recorded back-to-back victories by defending low totals, something a formidable opponent like DC may not offer.

## MI's middle order woes

Mumbai skipper Rohit Sharma has got a good start and will be keen to convert it into a big one and so would be Quinton de Kock. MI have the likes of Suryakumar Yadav, Ishan Kishan, Kieron Pollard, Hardik Pandya and his brother Krunal, who can pummel any attack into submission on their day, but they are yet to fire on all cylinders. After the last game, Rohit had conceded that his team "can bat a little better in the middle overs."

## Bumrah one of the best death bowler

The Mumbai bowlers, led by pace spearhead Jasprit Bumrah, have been splendid in the last two games when they successfully defended low scores of 150 and 152 respectively. Strike bowlers Bumrah (3 wickets) and New

When you look at the team we got some outstanding strike bowlers in the power play like Trent Boult and Jasprit Bumrah. Other bowlers compliment them as well. Krunal Pandya was outstanding, probably a defensive bowler but Rahul is a wicket-taking bowler. So his role is to come and spin the ball and if the ball around the middle can create some pressure then it is the opportunity to take some wickets.

**SHANE BOND,**  
Mumbai Indians Bowling Coach

Zealander Trent Boult (6 wickets) have been exceptional at the death. Leg-spinner Rahul Chahar, whom bowling coach Shane Bond described as a "wicket-taking bowler", has grabbed seven wickets in the last two games.

Another important cog in the wheel is left-arm spinner Krunal, who would be itching to give his team breakthroughs. Mumbai played Adam Milne in the previous game but considering the nature of the pitch, they could be tempted to bring in off-spinner Jayant Yadav, who played the 2020 final against the same opposition.

## Shikhar Dhawan's form crucial

Meanwhile, for Delhi Capitals, the biggest positive has been the form of Shikhar Dhawan, who is the leading scorer so far in the tournament with 186 runs. Dhawan and young Prithvi

Shaw form a lethal opening combination, but the Mumbaikar needs to convert his starts into big scores.

## Rahane vs Smith for the Chennai pitch

Delhi opted for Australian Steve Smith on Sunday but, as they are next playing on the slow Chepauk track, they might go back to Ajinkya Rahane, who is looking better suited for such tracks. Skipper Rishabh Pant has the ability to take any attack to the cleaners. The DC team management would be hoping that the top-order fires in unison against the defending champions, to whom they had lost in the final last year. DC also possess quality all-rounders in Marcus Stoinis and Lalit Yadav, who would be keen to play their roles well.

## DC spinners to look out for

Their pace attack is led by South African Kagiso Rabada and Chris Woakes, and the two have been impressive so far. They have an additional option in Anrich Nortje, who has also joined the squad. Delhi played four pacers in the game against Punjab, but in Chennai, they could play more spinners as the track is conducive for the slower bowlers. They have options in the experienced Amit Mishra, Pravin Dubey and new recruit Shams Mulani, who can complement Ravichandran Ashwin.



Trent Boult

Photo: ANI



Shikhar Dhawan

Photo: PTI

MATCH 13



DC

MI

Tuesday, April 20, 2021  
7:30 pm ■ Chennai

# VERSTAPPEN WINS EMILIA ROMAGNA GRAND PRIX

**Max Verstappen kept his cool to claim a chaotic rain-hit Emilia Romagna Grand Prix on Sunday as seven-time Formula One champion Lewis Hamilton recovered from a rare mistake to sneak in second**

Red Bull driver Verstappen muscled past pole sitter Hamilton on the first corner at Imola to set up his impressive first win of the season. Lando Norris in a McLaren took third for the Briton's second successive podium ahead of Charles Leclerc for Ferrari.

## A formidable opponent

The outcome of a compelling second leg of the Formula One season confirmed Verstappen's stature as a formidable obstacle to Hamilton's quest for

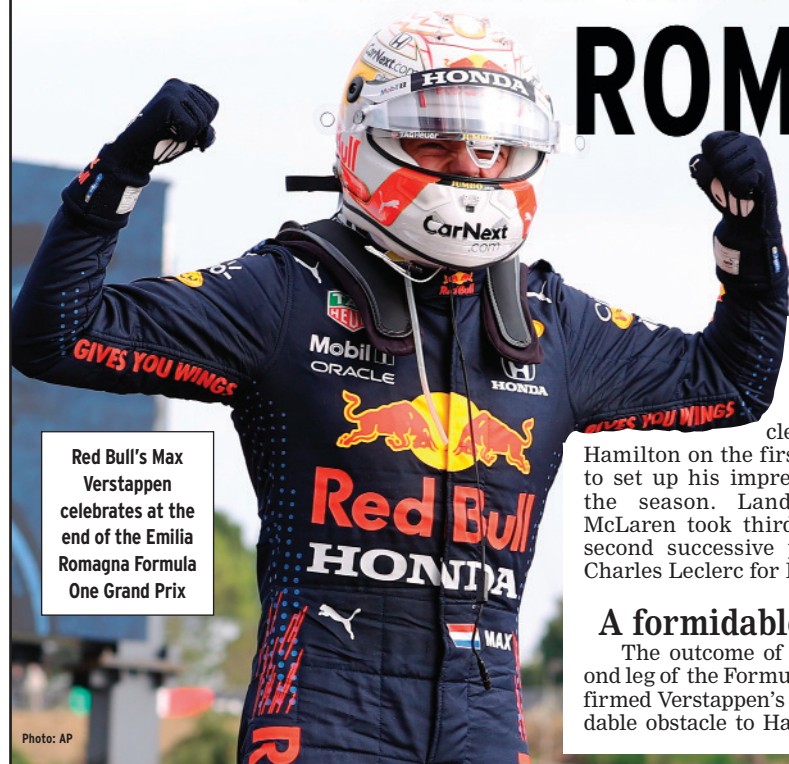
I surprised myself. We worked really hard to make that better. In these tricky conditions we did a great job.

**MAX VERSTAPPEN,**  
Red Bull driver

an unprecedented eighth drivers' crown. After winning the season-opener in Bahrain and putting in the fastest lap on Sunday, Hamilton leads Verstappen by one point ahead of the Portuguese Grand Prix next time out. A high-speed crash involving Mercedes' Valtteri Bottas and George Russell in a Williams forced the race to be suspended as debris was cleared off

the Imola circuit. The pair collided at over 300kmh on lap 34, both drivers shaken as their wrecked cars were lifted off the track.

The red flags appeared a lap after an uncharacteristic slip-up from Hamilton saw the Mercedes world champion hurdle off the circuit into a gravel pit when placed second on a treacherous rain-hit track. Half an hour after the suspension, a rolling re-start saw Verstappen set off in front of Leclerc and Norris. Hamilton, his car repaired, had work to do from ninth. As Verstappen calmly reeled in his 11th career victory first in Italy, Hamilton weaved his way up to sit third, and then second after passing Norris with three laps remaining. AFP



Red Bull's Max Verstappen celebrates at the end of the Emilia Romagna Formula One Grand Prix

Photo: AP

## DE VILLIERS SAYS IT WILL BE "FANTASTIC" TO PLAY FOR SOUTH AFRICA AGAIN

Versatile South African cricketer AB de Villiers on Sunday said it will be "fantastic" to make an international comeback ahead of the upcoming T20 World Cup. The T20 World Cup is scheduled to be held in India in October-November. "If I can slot in, it will be fantastic," de Villiers said after a match-winning innings for Royal Challengers Bangalore in the IPL. The prolific batsman added he will be fine with it even if he is not able to make a comeback. "Last year I was asked and I said I am absolutely interested... with regards to my form, my fitness. We have to get the best 15 together, we will plan accordingly. I am speaking with Boucher towards end of IPL," he said. PTI

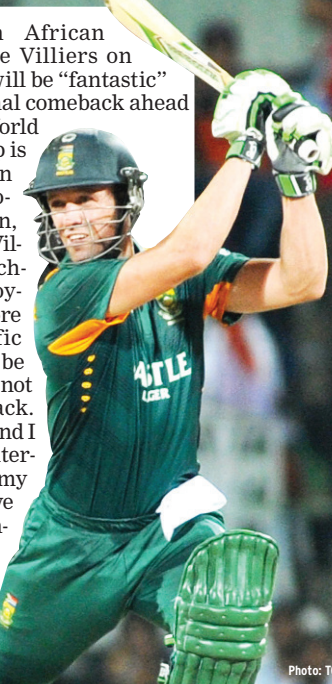


Photo: TOI

## QUIZ TIME!

**Q1:** Which Indian male wrestler regained the world number one ranking after winning two successive gold medals at Matteo Pellicone Ranking Series?

- a) Bajrang Punia ☐ b) Yogeshwar Dutt ☐  
c) Deepak Punia ☐ d) Sushil Kumar ☐

**Q2:** Manika Batra won the 82nd Senior National Table Tennis Championship earlier this year. Name the first time finalist she beat.

- a) Mouma Das ☐ b) Sutirtha Mukherjee ☐  
c) Reeth Rishya ☐ d) Madhurika Patkar ☐

**Q3:** How many grand slams has Rafael Nadal won in total?

- a) 10 ☐ b) 20 ☐ c) 17 ☐ d) 15 ☐

**Q4:** Name the two countries that will be jointly hosting the FIFA Women World Cup 2023.

- a) Australia and New Zealand ☐  
b) Czech Republic and Republic of Austria ☐  
c) Germany and Hungary ☐  
d) Canada and Mexico ☐

**Q5:** Name the youngest member of the ICC "Elite Panel of Umpires".

- a) Nigel Llong ☐ b) Chris Gaffaney ☐  
c) Nitin Menon ☐ d) Joel Wilson ☐

**Q6:** Lewis Hamilton, with 7 F1 world titles, equalled the record of which other legendary driver?

- a) Ayrton Senna ☐ b) Niki Lauda ☐  
c) James Hunt ☐ d) Michael Schumacher ☐



Lewis Hamilton

Photo: GETTY IMAGES

**Q7:** Hockey men and women's team coach has been appointed as the new head coach of the US men's team?

- a) Kishan Lal ☐ b) Harendra Singh ☐  
c) Vasudevan Baskaran ☐ d) M P Ganesh ☐

**Q8:** Who holds the record for the maximum number of sixes in IPL history?

- a) AB de Villiers ☐ b) M S Dhoni ☐  
c) Yuvraj Singh ☐ d) Chris Gayle ☐

**Q9:** Which legendary sprinter's Federation Cup record did the 22-year-old Dhanalakshmi break?

- a) Shiny Abraham ☐ b) Vandana Rao ☐  
c) PT Usha ☐ d) M D Valsamma ☐

**Q10:** Who is the first team 'Laureus World Sportsman of the year' award?

- a) Cristiano Ronaldo ☐ b) Lionel Messi ☐  
c) Kobe Bryant ☐ d) Virat Kohli ☐

**Q11:** Which late Basketball player was recently named finalist of 'Basketball Hall of Fame'?

- a) Kobe Bryant ☐ b) Andre Emmett ☐  
c) Fab Melo ☐ d) Michael Ojo ☐

**ANSWERS:** 1. a. Bajrang Punia 2. c. Reeth Rishya  
3. b. 20 4. a. Australia and New Zealand  
5. c. Nitin Menon 6. d. Michael Schumacher  
7. b. Harendra Singh 8. d. Chris Gayle  
9. c. P T Usha 10. b. Lionel Messi  
11 a. Kobe Bryant