



# SRM

PUBLIC SCHOOL

A SENIOR SECONDARY SCHOOL

**Educating Minds. Enriching Lives**

*Newsletter*

SEPTEMBER 2023

GRADE IX & XI

*abhinavakti*

2023-2024



*Editorial Team*

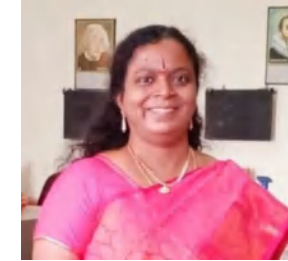
*Abhivyakti*  
2023-2024



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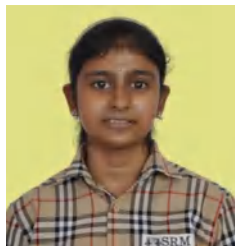
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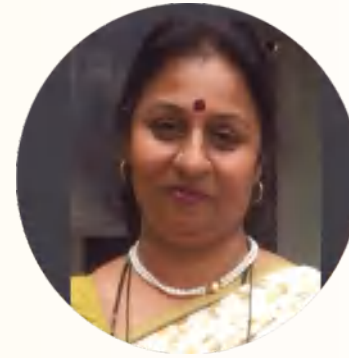


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# From The Desk Of the VICE PRINCIPAL (ACADEMICS)



## The Power of Faith and Trust

**Dear Children,**

Today I have two short stories for you and both will teach you how faith and trust can help you accomplish impossible tasks or tide over the toughest challenges.

**Here's my first story:-**

A little boy went to his science teacher and asked, "Sir, is it possible to walk across the ocean?"

The teacher looked into the boy's eyes and saw confusion with determination. He replied, "Yes, It is possible. If you really want to walk across the ocean, I can give you a secret mantra." The boy replied excitedly, "Please sir, I will do anything you say." The master wrote something on a piece of paper, folded it and gave it to the boy and said, "Take this folded paper. Hold it in your hand and walk across the ocean. But there is one condition. You must not open it to read what is written inside."

The boy was excited. Holding the paper he ran towards the ocean and began walking on the water. He walked and walked over the water without any problem. He was surprised at himself and could not believe that he was doing something which everyone called impossible. Suddenly he was seized with the curiosity to see what his master had written in the piece of folded paper. Curiosity got the better of him and he open the slip of paper. He could not believe his eyes when he saw it was blank..there was nothing written on it. Fear gripped him and he lost confidence. At that moment he could not walk on water any more and he drowned.

**And now for my second story:-**

A businessman in the USA had met with heavy losses and was at a loss wondering how to pay back the debts he owed to his creditors. He was sitting on a bench in the park feeling as if everything was lost. Suddenly an elderly man appeared before him and introduced himself as John D Rockefeller ( the richest man in the world, in those days). This man who called himself John D Rockefeller asked the man why he was so upset. On hearing the businessman's story, Mr Rockefeller took out a cheque book from his coat pocket and signed a cheque for \$500,000 and gave it to

him. "Use this and get back into business." The businessman was overjoyed but a little embarrassed.

"How shall I repay your kindness, Sir," he asked. "Meet me here, in the park, one year from now to repay this money," said Rockefeller.

Armed with the cheque, the businessman restarted his business with renewed optimism. He put the cheque in the safe and decided to use it only as the last resort. The cheque gave him so much confidence that he began taking bold decisions and soon he was making big profits.

After a year he returned to the park to return the cheque with thanks. He waited for hours together but Rockefeller did not come. The night guard saw him sitting for long and asked who he was waiting for. On hearing the businessman's story, the guard began laughing saying, " Oh! So he fooled you too. That was no Rockefeller but a mad old man who had escaped from the mental hospital. He believed he was Rockefeller and gave cheques to a number of people. Throw that check in the garbage. No bank will honour it."

The businessman was stunned to hear this. All this while he had taken such bold risks in business, trusting a worthless cheque kept in his locker. He then realised that it was not the cheque but the confidence in the cheque that had helped to rise to success again.

I hope both my stories today helped you to learn that there is great power in trust and faith. Trust your teachers and do what they tell you to do and you will be surprised at what you will achieve.

**Mrs. Vijaya Nagarajan**

Vice Principal (Academics)

# From The Desk Of the Senior Secondary Coordinator



## Be a Warrior !

Be a warrior. Fight for what you believe in and never ever hold back. Optimistically go towards your dreams with boldness and hope. Knock barriers down with courage and grace. Do not give up when you find yourself face to face with an obstacle. Instead continue forward with fortitude. Keep the fire in your heart burning strong and do not ever let your flame fade away .

Remind yourself that, what you are fighting for is worth it and remember you will overcome everything that comes your way. Hold your ground in the face of conflict. When life knocks you down, your only option is to stand up. Do not stay down. The longer you stay down, the harder is to standup. Do things that will lift your spirit. For example, Talk to a friend who always knows how to cheer you up, take a walk outside to breathe in the fresh air but do not stay down and just wish things would get better. *BE A WARRIOR and NEVER GIVE UP.*

**Mrs. Kirithika Manimaran**  
Senior Secondary Coordinator



## EMERGING TRENDS IN TECHNOLOGY

### Hologram Technology:

Imagine you have a special kind of picture that isn't flat like the ones in books. Instead, it looks like it's right there in front of you, even though you can't touch it. This special picture is called a "hologram."



Think about when you play with your toys, like a toy car or a doll. You can see it from different angles, right? Well, a hologram is like a super-duper toy that you can see from lots of angles, even though it's not really there.

It's like having a ghostly image that you can look at from different sides. You can see things like they're floating in the air, but when you try to touch them, your hand goes right through because they're not really solid. People use special tricks with lights and special materials to make these holograms. It's a bit like a magic show where they make pictures come to life in a different way. So, a hologram is like a super cool, see-through picture that seems like it's right in front of you, even though you can't touch it.

### Metaverse Technology:



Metaverse technology is like creating a big, digital world where people can use computers to pretend they're inside. It's like a giant playground where you can

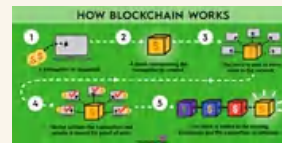
play games, chat with friends, and even do things that feel real, even though they're on a screen. Just imagine stepping into your favourite video game and actually being part of it – that's what metaverse technology aims to do!

### Extended Reality (XR) Technology:

Extended Reality (XR) technology is like a special kind of magic that helps you experience things in a whole new way using computers. It combines the things you see with what you can hear and sometimes even touch. It's like taking a normal



picture or video and turning it into something that feels like you're right inside it, almost like a dream you can interact with. So, with XR, you can play games, explore places, or learn things in a really exciting and lifelike way!



### Blockchain Technology:

Block chain technology is like a digital ledger that keeps track of important information in a super secure way. Imagine having a notebook where you write down all the transactions and everyone you trust gets a copy. Whenever something new happens, everyone adds it to their notebooks, and because everyone has the same

information, it's really hard to cheat or change things without everyone noticing. That's how block chain works – it helps keep records safe and transparent by sharing them with a bunch of people. So, no one can easily mess with them. It's like a team of trusted friends keeping an eye on important stuff together.

### Haptic Technology:

Haptic technology, also known as kinesthetic communication or touch feedback technology, is a type of technology that allows a user to receive tactile feedback or feel sensations through a device.

This technology uses vibrations, forces, or motion to create the sense of touch or



pressure, providing a more realistic and immersive experience for the user.



**Mrs.KOKILA.M**  
Classteacher of XI-C.

## **MATHEMABIOS (in Greek )**

**(MATHEMATICS IN LIFE)**

Mathematics is a fascinating subject.

It is the branch of science that studies numbers, forms and their relationship.

We may not like mathematics teachers

But we should learn to love the subject.

It is associated with all Real-World Tasks,

You know, Pythagoras founded a religion in which numbers played a central role.

The number were an infinite, real, uncreated world of beings.

Mathematics is also a reason to praise God for his faithfulness.

Our omnipotent God is consistently holding our Universe together.

Ganesha is the god of Ganitha. His image is used in the horoscope, astrology, mathematical calculations. The predictions based on 9 planets and 27 constellations.

So let's see some of our great mathematicians who accomplished with many difficulties from time to time but sailed in the same boat and reached their destination.

The Father and founder of Mathematics: Archimedes

The Mother of Mathematics: Amalie Emmy Noether

The Queen of Mathematics: Carl Friedrich Gauss

The King of Mathematics: Leonhard Euler

The Father of Mathematics in India: Aryabhata

The King of Mathematics in India: Srinivasa Ramanujam

The First lady of Mathematics in India: Shakuntala Devi.

The First girl of Mathematics: Hypatia of Alexandria

**Mrs. ROSALIN SOPHIA**

**MATHEMATICS TEACHER**



## **WE DEAL ONLY WITH 'HUMANS' NOT WITH 'MACHINES'**

**SOCIOLOGY-** A subject that deals with humans only is more fascinating than any other subjects to me. Many do not know that, this subject gives insight about the society we live in and about the societal problems we faced in the past. The prevailing problems in the society we encounter are analyzed in-depth to produce a better tomorrow. This subject has a wide scope. But unfortunately, most people consider this as an underprivileged subject i.e., in my opinion, it has not earned a due recognition unlike other subjects.

What can one achieve in this world not knowing one's own society? Sociology not only teaches about one's own society but helps people view other societies from many vantage points. Along with the subject, a sociology student gets to learn social skills that are imperative for the survival in this society, that is very intricate.

Social skills are important tools that one must get acquainted with and harness it in course of time to bury the hatchet in society. The art of communication & interaction, the knack of tackling tough situations & problems, the pattern of appropriate behavior, the mastery of oneself, are all taught by this one subject. Isn't it intriguing????

In this modern era, we forget to live a life with morality. But, life without morals wrecks a great havoc on us. Here, sociology plays a pivotal role in preventing people from going astray as it teaches social values. It sheds light on many common issues that are creeping in suddenly and recommends the best possible solution to quell those problems to lead a life of harmony within the society. In totality, sociology educates us to be good humans. Don't you all think it is our sole responsibility to produce responsible citizens? Yes, sociology does justice to it! Come, let's be the change makers.



**Mrs. AJITHA.V**

**ENGLISH & SOCIOLOGY TEACHER**

## **SOCIALIZING WITH SOCIAL MEDIA**

After the year 2019, students are more connected than ever before through social media, for these Gen Z kids it is equally important to know how effectively to use social media for the betterment of self and others

Even social media with virtual reality and artificial intelligence takes away the good old childhood days by replacing the mud, paddy field, sun light, rain, playing with friend in the open ground, local fruits and snacks. It's the responsibility of each one to ensure that the social media use must bring only positive changes in one's life by developing a control over what to see or what not to see or do. The total control must lie in the hands of each Individual and not in the hands of the social media to make the kids a scapegoat!

While social media provides many benefits, such as giving students the chance to express themselves creatively, learning opportunities, improving communication skills and the chance to connect with others by breaking limitations of distance and time, on the other end social media can also have a negative impact on students, both physically and mentally.

It is easy to become addicted, and research shows that students who spend too much time on social media can suffer from poor sleep, eye fatigue, poor vision at an early age, negative body image, depression and anxiety, cyberbullying, is an alarming effects of social media. Social media also weakens face-to-face social skills — Knowing how to interact face-to-face is an essential skill that needs to be practiced.

More time online implies less time learning how to read facial cues and more which affects the ability to interact with other human beings. Each child is losing the natural, innocent smile from their faces!!

In addition to the benefits of classroom learning, social media is provided through online sites like YouTube, National geographic channel, ISRO, NASA, Discovery etc., It helps students to get the latest updated information effortlessly which can be hard to do offline.

Our second home SRMPS tech supports the most updated information for the students to learn the modern trends and developments in the world. Educators and parents need to be mindful of the effects

social media can have on the children in their care. OnGuard, part of the Net sweeper platform, can filter and block harmful content on social media websites. *Social media brings far to near but should not keep the near one too far!*



**Mrs. AMBILI K.R**  
**SCIENCE TEACHER**

## WHICH TYPE OF INTELLIGENCE DOES YOUR CHILD POSSESS?

According to Psychologists, there are four types of Intelligence:

- 1) Intelligence Quotient (IQ)
- 2) Emotional Quotient (EQ)
- 3) Social Quotient (SQ)
- 4) Adversity Quotient (AQ)

1. Intelligence Quotient (IQ): this is the measure of your level of comprehension. You need IQ to solve maths, memorize things, and recall lessons.

2. Emotional Quotient (EQ): this is the measure of your ability to maintain peace with others, keep to time, be responsible, be honest, respect boundaries, be humble, genuine and considerate.

3. Social Quotient (SQ): this is the measure of your ability to build a network of friends and maintain it over a long period of time.

People that have higher EQ and SQ tend to go further in life than those with a high IQ but low EQ and SQ. Most schools capitalize on improving IQ levels while EQ and SQ are played down.

A man of high IQ can end up being employed by a man of high EQ and SQ even though he has an average IQ.

Your EQ represents your Character, while your SQ represents your Charisma. Give in to habits that will improve these three Qs, especially your EQ and SQ.

Now there is a 4th one, a new paradigm:

4. The Adversity Quotient (AQ): The measure of your ability to go through a rough patch in life, and come out of it without losing your mind.

When faced with troubles, AQ determines who will give up, who will abandon their family, and who will consider suicide.

Parents please expose your children to other areas of life than just Academics. They should adore physical work (never use work as a form of punishment), Sports and Arts.

Develop their IQ, as well as their EQ, SQ and AQ. They should become multifaceted human beings with the ability to do things independently with less or no support from adult.

Finally, *do not prepare the road for your children. Prepare your children for the road.*



**Mr. MOHANDHAS**  
**HEAD OF SCIENCE DEPARTMENT**



## FUN FACTS: SPACE

- 1) Our Universe was born in the big bang about 13.7 billion years ago.
- 2) There are 8 planets, 5 dwarf planets and 165 unknown moons in our solar system.
- 3) The first artificial satellite, Sputnik was launched by the Soviet Union in 1957.
- 4) A teaspoonful of material from a neutron star would weigh 10 billion tonnes on the Earth.
- 5) The temperature at the centre of the Sun is 15,000,000°C.
- 6) When a dying star explodes, it releases as much energy as the sun emits in its lifetime.
- 7) Light from distant galaxies had taken more than 12 billion years to arrive- so we see them as they were before the Earth was born.
- 8) In its first second, the Universe grew from smaller than an atom to about 1000 times the size of our solar system.
- 9) The colour of stars is a guide to its surface temperature. The hottest stars are blue or white, stars like the Sun are yellow, and cool stars are orange or red.
- 10) Hydrogen is changed to helium at the centre of the Sun (Core).

**S.JAYDEV KARTHIK**

IX 'A'



## UNDERSTANDING THE KARDASHEV SCALE: A GLIMPSE INTO CIVILIZATION'S POTENTIAL

In the vast expanse of the cosmos, where does humanity stand in its technological prowess? To answer this, astrophysicist, Dr. Nikolai Kardashev proposed an intriguing concept in 1964: the Kardashev Scale. This scale offers a vision of civilizations' potential growth based on their energy consumption and mastery over their environment.

A Type I civilization, often referred to as a Planetary Civilization, taps into the full energy potential of its home planet. This encompasses everything from harnessing sunlight to utilizing the planet's geothermal and tidal energies. Interestingly, we Earthlings are yet to achieve this stature, currently hovering around 0.72 on this scale.

Elevate your gaze to the stars, and you find a Type II or Stellar Civilization. These advanced beings can capture and utilize the entirety of their star's energy, perhaps through structures like the theoretical Dyson Sphere.

Venturing further, a Type III Galactic Civilization dominates its galaxy, harnessing the power of billions of stars. Such a civilization would possess the astounding capability of interstellar travel and colonization. The Kardashev Scale pushes us to contemplate the future trajectory of human progress. While still a speculative framework, it poses intriguing questions about our place in the universe and the untapped potential that awaits us. Will we one day ascend these ranks, and if so, what marvels will we unlock along the way? Only time, and our collective efforts, will tell.

**K. S. VISHWA**

IX 'A'



## THE SUBSTITUTE

There was a Cricket team called Talents CC, with 12 players. One player had to sit out, as only 11 players were allowed to play, on a side. One boy was always asked to sit out, as he was not trusted by the coach, who always considered him a 'below average' player. Coach never allowed him to play any matches. This boy always practiced alone on the ground, after all players left.

There was a tournament called 'cup of Colombo'. In that tournament, Talent CC was set to play 4 group stage matches. In the 4 games, Talent CC won 3 games and Ronnie was the team top scorer, who scored 279 runs.

Talent CC also won a nail-biting semi-finals. In the finals Talent CC was set to play against Harrington CC. But, the teams' top scorer Ronnie had an ankle injury and was not available. So, the Coach had no choice but to let this boy play.

Harrington CC batted first and scored 168 in 20 overs. Everyone thought Talent CC could win easily. But they were struggling at 38/4 in 8 overs. With 48 runs required in the last 3 overs, with four wickets left, this boy was still there at the crease. No one believed that he would score 48 runs in three overs. But this wonder boy did; scored 20 runs in 10 balls, brought down the gap to 16 runs in the last four balls!

The boy scored a four, a six and dotted the ball, and hit a massive 6 in the last ball - and, there you go, a champ is born! Talent CC won the tournament. The Coach regretted his mistakes. He got selected for the Indian Team; became the backbone of Indian team and also the World's Best Batsman. He is none other than our much beloved **KING KOHLI**

**R. S.AJAY**

IX 'A'



## INTERESTING FACTS ABOUT EDUCATION

1. A primary school in Phuma Changthang, Tibet, is thought to be the highest school in the world.
2. The Shishi High School located in Chengdu, China is the world's oldest school.
3. A school in the Philippines is made entirely of recycled pop bottles.
4. The largest school in the world in terms of number of students is the City Montessori School in Lucknow, India.
5. Back in 2014, there was an elementary school in Turin, Italy that only had one teacher and one student.
6. The children in the Netherlands start school on their fourth birthday so there's always someone new in class.
7. Students in South Korea are expected to stay and help clean and tidy the classroom when lessons are over.
8. Kids in Finland do not start school until the age of 7.
9. In Russia, children always start school on 'Knowledge Day' (September 1) even if it's a weekend or a holiday.
10. Have you ever seen a boat school? In Bangladesh, there are no fewer than 100 boat schools!
11. In a remote area of Colombia, kids have to travel to school on a zip-line.
12. A school in Germany has been built to look like a giant white cat.
13. Summer vacations in Chile start from mid-December and end in early March.
14. France has the shortest school year from August to June and also the longest school day.
15. The ancient education system of India is the pioneer in several areas of study. The number system, place value system, the concept of zero, trigonometry, algebra, calculus - all originated in India! And, what's more, India is also the birthplace of Ayurveda, the oldest school of medicine in the world.

**KANNMANI.K.R**

IX 'A'



## FINDING MY VOICE: MY JOURNEY INTO THE WORLD OF CREATIVE WRITING

Hey everyone,  
I'm excited to share my personal journey into the world of creative writing.  
It all started when I stumbled upon a dusty journal and decided to give writing a try.  
At first, I was a bit nervous. Would my ideas be any good? Would anyone want to read what I wrote? Then I realized that writing is about self-expression and imagination and there's no right or wrong way to do it.  
In the beginning it was just scribbles of my thoughts and soon I found myself weaving stories, creating characters and building worlds with my words.  
It was an incredibly satisfying experience.  
What I've learned from this adventure is that everyone has a story to tell.  
It doesn't matter if you're an experienced writer or just an amateur,  
Your voice matters. I encourage all my fellow students to explore their creativity, whether it's through writing, art, music or any other form of expression.  
Thanks to our school for providing this opportunity and encouragement.  
Happy writing!

**SAMEER AHMED**

IX 'A'



## UNKNOWN FACTS ABOUT ENVIRONMENT

1. Around 420 million trees are cut down each day.
2. Humans use only 1% of all available water.
3. 78% of marine mammals are at risk of choking on plants.
4. Americans throw away 25 trillion Styrofoam cups every year.
5. Fungi play a highly vital role in the environment.
6. Ants weigh more than humans.
7. Every three months, Americans throw enough aluminum in the landfills to build our nation's entire commercial air fleet.
8. Paper from trees can be recycled 6 times.
9. A glass bottle can take up to 1 million years to decompose.



**DIVYA DHARSHINI.P**

IX 'A'



## THE MYSTICAL FOREST

Sweet house in a forest,  
Weather was at its finest  
at dawn I heard the chirp of wild birds  
whose beauty can't be said in words.  
A day or two at the woods  
while I was in a good mood  
the view was tree-mendous  
because of the nature that surrounds us  
and, oh! at the end  
I saw the sun blend  
into the starry sky, that had become my friend.



**SHARON ROSE.M**

IX 'A'



## IMPORTANCE OF WOMEN EMPOWERMENT:

**Gender Equality:** Women empowerment is essential for achieving gender equality, which is a fundamental human right. Gender equality means that women and men have equal rights, opportunities, and resources, and can participate equally in all aspects of life.

**Economic Growth:** Women empowerment is also important for economic growth and development. When women have equal access to education, employment and other opportunities, they contribute better to the economy and society as a whole.

**Social Justice:** Women empowerment is also essential for achieving social justice. Women and girls are often subject to discrimination, violence, and other forms of oppression simply because of their gender. Empowering women will create a more just and equitable society for everyone.

**Health and Well-being:** Women empowerment is also important for promoting health and well-being. When women have access to education and healthcare, they can take better care of themselves and their families.

**Sustainable Development:** Women empowerment is critical for achieving sustainable development. When women get empowered, they strive to address environmental challenges, reduce poverty, and promote social justice.



YAZHINI ARIVUNITHI

IX 'A'

## STEPS TO BE SUCCESSFUL IN LIFE

1. **Find a passion** - To be successful, it is important to define what you want in life. Finding an area you are passionate about helps you enjoy the steps you take towards achieving your goals.

2. **Show commitment** - Commitment means dedicating yourself to becoming successful and working hard in all circumstances. Set both short- and long-term goals and take action every day towards it.

3. **Learn from the journey** - Each step you take can teach you lessons that you can apply to future goals and challenges.

4. **Have fun along the way** - Be sure to enjoy the steps you take towards achieving your goals. Becoming successful can have some challenges, but having fun while learning new things and meeting new people can motivate you and make the journey enjoyable.

5. **Think positively** - It is important to keep a positive mindset and believe that you can achieve your goals. Positive thinking keeps your expectations high and reminds you of what is possible.

6. **Be honest with yourself** - If you find your goal is at a standstill, you might need to be honest with yourself about the reasons. An honest review of your situation and goals allows you to make better decisions about the next steps.

7. **Take away distractions** - Make a list of things in your life that take up your time or distract you. This could be a

phone, a television show or even a person who causes you stress.

8. **Depend on yourself** - It is important to depend on yourself by focusing on the actions you can take. It is beneficial to rely on others for emotional support, but focusing your accountability on yourself can motivate you as you achieve success.

9. **Keep planning** - It is important to keep planning and adjust your goals as needed. Stick to a schedule when you are working on your goals.

10. **Avoid overworking** - It is important to focus on your goal and avoid burnout. Keeping your journey productive yet fun can ensure your motivation without overworking yourself.

11. **Start small** - Though you set ambitious goals, starting with simple tasks can help you feel productive. Even writing down your goals can be your first accomplishment.

12. **Build good habits** - Building good habits can help you achieve goals as well as learn important skills like focus, time management and attention to detail



HARSHITHA.S

IX 'A'



## INDIA'S TRYST WITH THE MOON

Developed by ISRO, Chandrayaan 3 is India's third lunar mission. It follows the 2008 Chandrayaan 1 mission, which discovered the presence of water molecules on the lunar surface and the 2019 Chandrayaan 2 mission failed to make a soft landing on the moon because of technical error.

the three objectives of Chandrayaan 3 are:

- To demonstrate safe and soft landing
- To demonstrate rover movement
- To conduct scientific experiments

It took off on July 14 this year in Sriharikota, carrying an orbiter, a lander and a rover and weighing around 3,900 kg.

It travelled around 3.84 lakh km in a little over 40 days, in three stages - Earth orbit manoeuvres, trans lunar injection and lunar object manoeuvres.

When it neared the Moon it made contact with the surviving Chandrayaan 2 orbiter which said "Welcome buddy"

On August 23, the lander called Vikram- touched down on the Moon's surface in a nail biting procedure, making India only the fourth country to succeed at a lunar landing.

The Pragyan rover then rolled down a ramp from the lander. It aims to explore the surface and collect invaluable data from a hitherto unexplored region.

One of Pragyan's first discoveries was traces of sulphur in the lunar soil. The duo has also beamed back photos and footage of each other.

Vikram and Pragyan will be active for 14 days, which is one lunar day, after which they will remain on the moon forever.

**SHRINIDHI. S**

IX 'A'



## POWER of POSITIVITY

In a world where shadows dance and fears collide,

A tapestry of hope, let us now confide.

With words of light, a poem I'll weave,

To ignite the flame that we all believe.

Beneath the azure sky's embracing hue,

A symphony of joy, let it imbue.

Let the sun's golden rays caress your face,

As whispers of serenity embrace.

In fields of dreams, where wildflowers bloom,

Let optimism grow, dispelling gloom.

Each petal sings a song of vibrant grace,

Inviting hearts to dance in boundless space.

Embrace the dawn, where possibilities arise,

Unfolding dreams painted across the skies.

With open arms, let laughter's echo ring,

As melodies of happiness take wing.

**NAKSHATHRA.P**

IX 'A'



## AMAZING FACTS

1. It is impossible for most people to lick their own elbow.
2. A crocodile cannot stick its tongue out.
3. A shrimp's heart is in its head.
4. It is physically impossible for pigs to look up into the sky.
5. Information zooms along nerves at about 400kmph!
6. Water regulates the Earth's temperature.
7. Hot water will turn into ice faster than cold water
8. Chocolate was once used as currency.
9. Peanuts can be used to make dynamite.



**SENTHAMILAN.M**

IX 'A'

## INTERNATIONAL LITERACY DAY

UNESCO aims to promote global literacy which leads to observing International Literacy Day in 1967. It signifies the role of literacy and education in one's life, the world celebrates International Literacy Day every year on September 8. The day reminds us of the importance of personal development, literacy, and progress of society through education.

In this context, this year's International Literacy Day is being celebrated worldwide under the theme, '*Promoting literacy for a world in transition: Building the foundation for sustainable and peaceful societies.*' . Let this International Literacy Day be a reminder of this and an opportunity to honour all those who are dedicated to making universal literacy a reality, not just a goal. It is important to understand how literacy rate has increased across the globe.

Literacy involves both the teaching of reading and the teaching of writing. In schooling reading and writing are often taught as separate skills, but children show curiosity about the written word and begin to experiment with both in a process of emergent literacy and they learn to make sense of and use the local writing system they see used around them. Indeed, every new piece of writing draws on reading previously done by the writer, through a process of intertextuality.

Sometimes the intertextuality is made explicit through citation, as in academic writing, and writing about reading is one of the major approaches for teaching writing in higher education. We all get a question why is literacy important and the answer is “Literacy empowers and liberates people”.

Beyond its importance as part of the right to education, literacy improves lives by expanding capabilities which in turn reduces poverty, increases participation in the labour market and has positive effects on health and sustainable development.



**SUSHMA SUBHI.Y**

IX 'A'

## EDUCATION

Education is more than a grade,  
It is a journey of learning and trade;  
It is a way to expand your mind,  
And explore the treasures that you can find.  
Education is not a competition,  
It is a collaboration of vision;  
It is a way to share your voice,  
And make the world a better choice.  
Education is not a burden,  
It is a blessing and a garden;  
It is a way to grow your soul,  
And reach your dreams and goals.



**TARUN.S.S**

IX 'B'

## WORLD WARANT-(ARMYANTS)

Ants are ancient beings that arose around 160 million years ago and took over a wide variety of ecological riches and today they count around 16,000 different species with over 10,000 trillion individuals. Ants alone make up to 20% of the entire animal biomass on land. Similar to humans, their recipe for success is collaboration, while a single ant is pretty useless, together they are able to achieve stunning feasts.

They construct complex colonies, care for livestock, pursue agriculture, or have complex symbiotic relationships. Even among the same species, a constant state of conflict is pretty common. Wars, raids and full-on invasions are happening every day, causing millions of casualties.

Army ants, a swarm made for war are groups consisting of about 200 different species. On a hunt, some species form large columns upto 100 meters long, killing and immediately dismembering every insect or small vertebrate they encounter. The biggest hunting parties can kill up to 5,00,000 animals per day. Some army ants specialize in hunting and consuming other social insects, like termites, wasps, and especially other ants. When army ants discover another ant colony, they immediately attack.

The army ants act as a social unit and are especially dangerous and effective. Most army ants are not particularly impressive individually, but they can overwhelm their victims with large numbers. Interestingly, army ants don't fight army ants. When two swarms encounter each other in the wild, they either pass through each other, ignoring the other swarm or both colonies just move away. Humans have decided that war is not a thing they want to do a lot anymore. For ants though, the other ant will always be the enemy.

VIJAY RAMAN. R

IX 'A'



## எதிர்காலம்

எதிர்கால இந்தியத்துண்  
இனிய இதயத்துடிப்பு  
இளம் தலைமுறையினர்  
கையில் தான்  
இந்நாடு நமது உடமை  
அதை வளரச்செய்வது  
நமது கடமை  
அதற்குத் தேவை ஊக்கம்  
ஊக்கம் தருவது ஆக்கம்  
ஆக்கம் அளிப்பது உயர்வு  
உயர்வு தரும் முன்னேற்றம்  
இளம் தலைமுறையினர் ஆகிய நாம்  
இந்நாட்டின் வளர்ச்சிக்கு உறுதுணையாக இருப்போம்.  
நன்றி!



PRIYANKA

IX 'B'

## RIDDLES

1. What can you break without touching it?
2. What has four legs and a back, but can't walk?
3. What can be opened but can't be closed?
4. What has teeth but can't bite?
5. You buy it to eat but don't eat it. What is it?
6. I can fly without wings and I can cry without eyes. Who am I?

6. Cloud  
3. Eggs

5. Plates  
2. Chair

4. Comb  
1. Promise  
Answer:



TANUJA. J

IX 'C'

## CYBER ESPIONAGE IN INDIA

India holds a prominent position among countries most susceptible to cyber attacks, ranking second globally in 2022, with over 1.5 billion reported incidents. The primary challenges impacting India'S cybersecurity landscape involve:

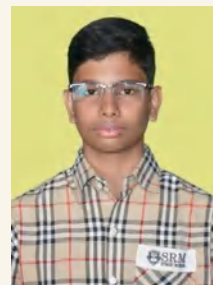
1. *A vast and expanding internet user base:* With over 750 million users, India has the world'S second- largest internet population. This magnitude and diversity pose immense challenges in securing all systems and networks.
2. *A deficit of proficient cybersecurity experts:* As per a NASSCOM report, India requires an additional 3 million skilled cybersecurity professionals by 2023 to cater to the burgeoning demand.
3. *Limited awareness of cybersecurity:* Many businesses and individuals in India remain uninformed about current cyber threats or the means to safeguard against them, leading to an increased vulnerability to attacks.
4. *Inadequate cybersecurity legislation:* Compared to other nations, India'S cybersecurity laws need bolstering, making it complex to prosecute cyber criminals and deter future threats.

To overcome these obstacles, it is essential for the Indian government, businesses, and individuals to

collaborate and enhance the nation'S cyber security framework. Some specific actions that can be undertaken include:

1. Reinforcing cyber security laws and regulations by the government.
2. Encouraging businesses to invest in employee training and awareness programs related to cybersecurity.
3. Promoting self-protection efforts by individuals through measures like using strong passwords and cautious online sharing of personal information.

By implementing these initiatives, India can fortify its cyber defences and reduce its susceptibility to cyber attacks, ushering in a more secure digital environment.



**JAI MITRAN K.A**  
IX 'B'

## THE PENCIL

On a brilliant sunny Sunday, beneath a large table a pitiful pencil was crying. An enthusiastic eraser came near the pencil eagerly asking the reason for the pencil's sorrow. Pencil shared it's sad story to the eraser. It said that it was a wooden pencil made from cedar wood which grew taller overcoming many obstacles like wind, storm, rain etc., After the pencil was manufactured it was sold to a shop, many people used to take it as a choice and throw it away just like that.

Finally it was bought by a little boy. He used to sharpen it often and now it has become too small. The eraser was confused by the story. Pencil said that I was made from the land and after my use I again go to the land getting decayed. The eraser replied, "Whenever you go down you rise again. Who knows you might grow into a new mighty Oak tree and dance to the tune of the wind."



**APOORVA.S**  
IX 'B'



## MUSHROOMS: BEWARE

A mushroom or toadstool is the fleshy, spore-bearing fruiting body of a fungus, typically produced above ground, on soil, or on its food source.

The standard for the name “mushroom” is the cultivated white button mushroom, *Agaricus bisporus*; hence the word “mushroom” is most often applied to those fungi (Basidiomycota, Agaricomycetes) that have a stem (stipe), a cap (pileus), and gills (lamellae, sing. Lamella) on the underside of the cap.



Do you know some mushrooms can be very harmful and even cause fatality in humans and animals?

Generally speaking, the *Amanita* genus has some of the most poisonous mushrooms (toadstools). Have you ever wandered around near forests or even near the trees in the zoo and seen those colourful mushrooms popping up brightly? Well those are called The fly agaric (*Amanita muscaria*), and ofcourse they are poisonous (they are mostly coloured red, yellow and green). They do cause fatality if consumed too much.

Next comes The death cap (*Amanita phalloides*)! As the name suggests, yes it can lead to death within 48 hours of indigestion. A compound called silibinin can be used to treat death cap poisoning. The death caps have amatoxins that prevent the production of DNA, which leads to liver and kidney failure and, if untreated, coma and death. It was first found all over Europe but in the 19th century it spread all over the world.



**OJASVI ARVIND**

IX 'B'

## ACHIEVEMENT OF ISRO

Landing and take-off are two sides of the same coin, and a good vehicle must be capable of both. Vikram lander has proved to be equal to the task. On Monday, ISRO fired thrusters on the lander, which lifted the spacecraft off the lunar surface to a height of about 40 cm, it was then moved horizontally for about a foot.

This may be a small step for the lander, but it is a notable achievement for ISRO. The onboard instruments – CHASTE, RAMBHA-LP and ILSA — performed experiments at the new location, and sent the data back to Earth.

### September 04, 2023

The lander and rover are in sleep mode. Awaiting their awakening around September 22, 2023.

### August 31, 2023

ILSA listens to the movements around the landing site

RAMBHA-LP on-board Chandrayaan-3 measures near-surface plasma content

### August 30, 2023

APXS on-board Ch-3 rover detects the presence of minor elements

### August 28, 2023

LIBS confirms the presence of Sulphur (S) on the lunar surface through unambiguous in-situ measurements.

### August 27, 2023

The first observations from the ChaSTE payload onboard Vikram Lander

### August 24, 2023

Chandrayaan-3 ROVER: Made in India. Made for the MOON! The Ch-3 Rover ramped down from the Lander and India took a walk on the moon ! More updates soon.

### August 23, 2023

'I reached my destination and you too!': Chandrayaan-3

Chandrayaan-3 has successfully soft-landed on the moon. Congratulations, India!

**PUGAZH.P**

IX 'B'



## THERE IS AN 'EARTH-LIKE' NINTH PLANET NEAR NEPTUNE IN OUR OWN SOLAR SYSTEM, CAN YOU BELIEVE IT?!?

Japanese astronomers have made an intriguing discovery that hints at the possible existence of an "Earth-like planet" within our own solar system. The planet is believed to be in the Kuiper Belt, just beyond Neptune's orbit. Similar to the familiar planets we know, these Kuiper Belt objects orbit around the Sun.

The astronomers behind this discovery, Patryk Sofia Lykawka from Kindai University in Osaka and Takashi Ito from the National Astronomical Observatory of Japan in Tokyo. According to their research, if this hypothetical planet does indeed exist, it would measure roughly 1.5 to 3 times the size of our Earth.

This discovery raises questions and challenges previous theories about the existence of a distant ninth planet, often referred to as "Planet Nine," thought to be lurking in the outer realms of our solar system. The astronomers suggest that instead of Planet Nine, there could be another undiscovered celestial body much closer, right within the Kuiper Belt itself.

The researchers explain their findings by stating, "We predict the existence of an Earth-like planet and several trans-Neptunian objects on peculiar orbits in the outer solar system. By closely examining the clustering patterns of these trans-Neptunian objects (TNOs), the scientists propose that this mysterious planet could be positioned anywhere from 200 to 500 astronomical units (AU) away from the Sun and tilted at an angle of approximately 30 degrees.

In their conclusion, the research team states -The results of the Kuiper Belt planet scenario support the existence of a yet-undiscovered planet in the far outer Solar System. More detailed knowledge of the orbital structure in the distant Kuiper Belt can reveal the existence of any hypothetical planet in the outer solar system.

**ADLINE JOANNA. E**

IX 'C'



## ZERO: ALONE AND UNIQUE; DIVIDING WITH ZERO

Zero is a unique number which simply means nothing. It lies in the number line, right in the middle of the line and does not have a negative side like -1 for 1, has additive identity and many more.

The number acts very different from what we know, anything/0=  $\infty$ , 0/0=Undefined,  $a^0=1$  &  $0^a=0$ . The greatest is  $0^0=1$  but it could be 0, or wrong and many more.

### Dividing by Zero:

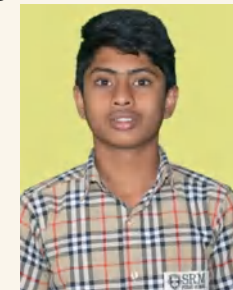
We know that Multiplication is repeated addition and Division is repeated subtraction. For example:  $3*4=3+3+3+3$ , as 3 is added 4 times or 4 is added 3 times as is Multiplication is commutative. Similarly,  $15/5$  is  $15-5-5-5=0$ . The number of times the main number (dividend) is subtracted by the divisor is the answer. Here it is 3 as 15 is getting subtracted by 5 for 3 times. If we take  $1/0$  which is  $1-0-0-0\dots$  infinite times of zero =1, the answer is still 1, so there is a flaw in the system because even though we subtract an infinite amount of 0's to 1, we could not divide. So, Anything/0= $\infty$ .

However, we can take another approach.  $1/1=1$ ,  $1/0.1=10$ ,  $1/0.01=100$ , so the denominator is getting closer to 0. The answer increases the further we reduce the denominator. This is called Limit. It goes all the way to infinity, so  $+\infty$ . But, If we take  $-1/1$  and Limit it to the way of 0, The answer is  $-\infty$  (Negative Infinity).

How can there be two answers that never meet each other and are in the opposite direction. And that is fascinating about Math.

**AKASH.R**

IX 'C'



## INTERESTING FACTS ABOUT LEFT AND RIGHT HEMISPHERE OF BRAIN

♣The left hemisphere controls speech, comprehension, arithmetic, and writing.

♣The right hemisphere controls creativity, spatial ability, artistic, and musical skills.

♣The left hemisphere is dominant in hand use and language in about 92% of people. It is often cited that around 95% of right-handers are “left hemisphere dominant”.

♣for the left handers, the right hemisphere controls the dominant left hand.

♣People who have the ability to use both hands with equal dexterity are called *Ambidextrous*.

♣Ambidextrous people have different perspectives and they think differently.

♣Famous examples include Albert Einstein, Benjamin Franklin, Nikola Tesla, James A. Garfield, and Leonardo da Vinci.



**BENEDICTA EDLYN.J**

IX 'C'

## DO YOU KNOW WHAT WILL HAPPEN IF AN ASTRONOMER IS NOT WEARING A SPACE SUIT?

As that person is exposed to the harsh conditions of the vacuum of space

**1. Lack of Air:** Space is a vacuum, which means there is no air to breathe. Without a spacesuit or some form of life support, an astronaut or astronomer would not have access to oxygen, making it impossible for them to breathe.

**2. Extreme Temperature Fluctuations:** In space, temperatures can vary dramatically between extreme hot and cold depending on whether you are in direct sunlight or a celestial body's shadow. Without a spacesuit, an individual would be exposed to these extreme temperature fluctuations, which can cause rapid and severe bodily harm.

**3. Radiation:** Space is filled with harmful cosmic radiation, including high-energy particles from the sun and deep space. A spacesuit is designed to provide some protection against this radiation, while without it, an individual would be exposed to potentially lethal doses of radiation.

**4. Lack of Pressure:** Space is a vacuum, so there is no atmospheric pressure. Without a suit to provide pressure, a person's bodily fluids would start to boil at extremely low pressures, leading to severe and immediate physical harm.

**5. Lack of Protection from Micrometeoroids and Debris:** Space is filled with tiny micrometeoroids and orbital debris that travel at high speeds. A spacesuit provides a protective layer against these particles, preventing them from puncturing the suit and harming the astronaut's body.

Therefore, Space suits are specially designed to provide life support and protection for astronauts and astronomers working in the harsh environment of space.



**DHIYASHARINI.G**

IX 'C'

## MISSION ADITYA-L1

Aditya-L1, a spacecraft developed by the Indian Space Research Organisation (ISRO), is on a mission to study the Sun. It orbits about 1.5 million km away from Earth, in a special position called the L1 Lagrange point, located between Earth and the Sun.

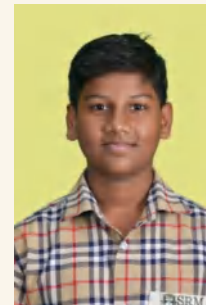
This mission is significant because it's India's first dedicated mission for observing the Sun, led by Nigar Shaji. Aditya-L1 was successfully launched on September 2, 2023, via the PSLV C57 rocket, shortly after the Chandrayaan 3 lunar mission. It achieved its intended orbit and separation from its fourth stage within an hour after launch.

The Aditya-L1 mission aims to unlock the mysteries of the Sun. It will take about 109 days after launch to reach the halo orbit around the L1 Lagrange point. The spacecraft will stay in this orbit throughout its mission. This satellite weighs about 1,500 kilograms and carries seven scientific tools.

These tools help measure things like the Sun's temperature, how solar wind is formed, the Sun's magnetic field, and even the radiation that affects Earth's atmosphere and climate.

One big mystery in solar science is why the Sun's upper atmosphere is so much hotter than its lower parts. This mission will help us understand this temperature difference and how the Sun's energy affects Earth's atmosphere.

Aditya-L1 will take pictures of different layers of the Sun's atmosphere at the same time. These images will show us how energy moves between these layers. Overall, this mission will help us understand the Sun better and solve some of the mysteries of solar physics and space weather.



**GEETHAN.R**

IX 'C'

## R PRAGGNANANDHAA

Praggnanandhaa an Indian chess prodigy, has made our Indians feel proud by reaching the final of the FIDE World Cup which took place between 30<sup>th</sup> July – 24<sup>th</sup> Aug 2023. As an 18-year-old he made history by bagging the silver medal against Magnus Carlsen. In addition to this achievement he also secured his place in the prestigious eight-player Candidates Tournament which marks a significant milestone in his chess career.

He became the youngest international master in history, at the age of 10 years. He achieved his first grandmaster norm at the World Junior Chess Championship in November 2017.

He is the fifth-youngest person ever to achieve the title of Grandmaster. He also entered the Chess World Cup 2021 as the 90th seed. He will definitely be the inspiration for all the youngsters of India.

*“Self belief, hard work and regular practice are the keys to SUCCESS!”*



**KANMANI.J**

IX 'C'



## EXPLORING THE COSMOS:

### *A JOURNEY BEYOND OUR IMAGINATION*

Through this article, let me take you on a celestial adventure, highlighting recent developments, exciting missions, and the wonders of space that continue to captivate humanity.

#### ***1. James Webb Space Telescope (JWST): Peering into the Universe's Past***

Scheduled for launch later this year, the JWST promises to revolutionize our understanding of the universe. This colossal telescope, named after NASA's second administrator, James E. Webb, will orbit the Earth at a distance of 1.5 million kilometers. It will observe distant galaxies, study exoplanets, and unveil the mysteries of our cosmic origins.

#### ***2. Mars Exploration: Perseverance and Ingenuity***

Mars remains a focal point of exploration. NASA's Perseverance rover continues its mission to search for signs of past microbial life and collect samples for future return to Earth. Meanwhile, the Ingenuity helicopter has proved that powered flight is possible on the Red Planet, opening up new possibilities for exploration.

#### ***3. Commercial Space Travel: The Final Frontier for Tourists***

Commercial spaceflight is making strides, with companies like SpaceX and Blue Origin offering suborbital trips to private citizens. This marks a significant step toward democratizing space travel, with hopes of making the cosmos accessible to more people in the near future.

#### ***4. Artemis Program: Returning Humans to the Moon***

NASA's Artemis program aims to land "the first woman and the next man" on the Moon by the mid-2020s. This endeavor not only advances lunar exploration but also lays the foundation for future missions to Mars.

Astronomers continue to discover thousands of exoplanets beyond our solar system, many of which could potentially harbor life. Advancements in technology and observation techniques are continually expanding this exciting field.

#### ***5. Space is for Everyone***

As we venture deeper into space, the dream of space travel is becoming more attainable for people from all walks of life. It's a reminder that the cosmos, with all its mysteries and beauty, belongs to us all.

Stay tuned for more thrilling updates from the world of space exploration. With each new mission, we're one step closer to unlocking the secrets of the universe and embracing the boundless possibilities of our cosmic backyard. ***Until next time, keep your eyes on the stars and your dreams set on infinity.***



**HARRIS JYOTHAM J.P**

IX 'C'

## I AM NOT FOR EVERYONE

I am not for everyone  
I know my truth and I know who I am  
I know what I do and do not bring to the table  
I'm not easy to deal with I do bring tons of value  
I don't fit with any person or a group  
That's okay with me  
I may not be perfect but I'm always me  
I'm not for everyone  
I'm only for me.

**NEHA.R**  
IX 'C'



## WEIRD AND RARE PHOBIAS IN THE WORLD

1. Nomophobia - Fear of being without your mobile phone.
2. Arithmophobia - Fear of numbers
3. Plutophobia - Fear of money.
4. Xanthophobia - Fear of the colour yellow.
5. Ablutophobia - Fear of bathing.
6. Octophobia - Fear of the number eight.
7. Hippopotomonstrosesquippedaliophobia - Fear of long words.
8. Ephebiphobia - Fear of adolescents.
9. Pogonophobia - Fear of beards.
10. Chaetophobia - Fear of hair.
11. Ergophobia - Fear of work.
12. Decidophobia - Fear of making decisions.
13. Phobophobia - Fear of phobias.
14. Eisoptrophobia - Fear of mirrors.
15. Linonophobia - Fear of string.



**SRINIDHI.S**  
IX 'C'

## FREEDOM IS NOT FREE

The ones that survived were those that stood firm on the pillars of values and institution. This goes to prove that flexibility stops when it starts encroaching on values. Political structures are far shorter lived than moral structures.

The success of a nation does not depend upon its potential alone, but the quality of its people and their actual performance. Loving your country does not mean hating another country. An honest citizen must be prepared to forfeit one's life. Irresponsible people are more interested in individual profits than individual responsibility.

Peaceful protest against injustice is the democratic right of every citizen. When they win, they take revenge: when they lose, they mud-sling. A nation can never be strong abroad if it is weak at home.

Every generation needs to earn its own freedom. Freedom comes not as a gift, but as a reward to the bravenes.



**SIVABALAN.S**  
IX 'C'

## FUN FACTS

1. For a rocket to get into orbit around Earth, it needs to travel 17,600 miles per hour!
2. You could fit 1.3 million Earths into the Sun!
3. The longest time an astronaut has spent in space is 437 days!
4. The Sun is over 864,000 miles wide. It's so big that you could fit 1,300,000 planet Earths inside!
5. The Moon is roughly 220,575 miles from the Earth. It's so far away, that if you were to walk the same distance it would take you about 8 years to get there.

**PRATHEESHWARAN.V**

IX 'C'



## AMAZING FACTS

1. The US gets over 1200 tornadoes a year.
2. An ostrich's eye is bigger than its brain.
3. Rain contains vitamin B12.
4. Human teeth are as strong as shark teeth.
5. Your blood is as salty as the ocean.
6. Russia is the world's largest country
7. The original name of Google was Backrub.
8. San Marino is the world's oldest country
9. The most common adjective used in English is "good".
10. The most commonly used noun is "time".
11. The word "set" has the highest number of definitions.
12. Month, orange, silver, and purple have no rhyming words.
13. English is the official language of 67 countries.
14. The first English dictionary was written in 1755.
15. Every odd number has an 'e'.
16. 1000 is the only number from 0 to 1000 that has "a" in it.
17. A 'jiffy' is a unit of time which means 1/100th of a second.
18. India has the world's largest school.
19. India is the second largest English speaking country of the world.
20. The most expensive film ever made is 'Pirates of the Caribbean'.



**SHINAYA SRIRAM**

IX 'D'

## FACTS ABOUT ANIMALS:

- 1) Polar bear fur has white fur while its skin is black. White coat provides camouflage in surrounding snow and ice. The black skin allows them to absorb more UV light to stay warm.
- 2) Otters "hold hands" while sleeping, so they don't float away from each other.
- 3) The world's deadliest animal isn't a shark, bear or tiger, but something far smaller—the mosquito. According to the World Health Organization, 725,000 people are killed each year from mosquito-borne diseases, such as Malaria, dengue fever and yellow fever.
- 4) A Blue Whale's tongue can weigh as much as a car, or a small adult elephant. (approx. 2.7 tonnes, or 6,000 – 8,000 pounds (2,720 – 3,630 kg).
- 5) The male seahorse goes through pregnancy and gives birth to babies. They are the only animal on earth where the male carries the baby rather than the female.
- 6) There is enough toxin in one pufferfish to kill 30 adult humans, and there is no known antidote.
- 7) Insects are the most populous animal on earth, about 10 quintillions. Scientists estimate there are 20 quadrillion ants on Earth that 39;20 million billion.
- 8) Flamingos are not pink. They are born grey, their diet of brine shrimp and blue green algae contains a natural pink dye called canthaxanthin that makes their feathers pink.
- 9) Roosters prevent themselves from going deaf due to their own loud crowing, by tilting their head backs when they crow, which covers their ear canal completely, serving as a built-in ear-plug.

- 10) An interesting fact about the cockroaches is that it is the only insect, which can live without their head for more than a week.



**S.RAHILAN**

IX 'D'

## OUR UNIVERSE

You hear our heart, respond to our beliefs  
No words need to be spoken-  
You listen to our energy, vibration, and frequency!  
People claim that you came into existence through Big Bang,  
They possess the most significant inquiries to seek explanations about you,  
You are a boundless realm-  
Where humanity discovers a sanctuary of divine benevolence!  
The elements are now in place,  
With gravity governing the rules of entertainment,  
As planets align to fashion a tail  
That becomes a part of the Milky Way!



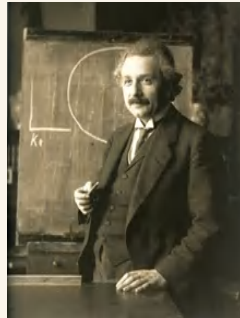
**SHAIK NAJIFA**

IX 'D'

## THOUGHT EXPERIMENTS BY ALBERT EINSTEIN THAT LED TO THE DISCOVERY OF THEORY OF RELATIVITY

Albert Einstein was a brilliant physicist who developed the Theory of relativity, which explains how space, time, mass, energy, and gravity are related. He used thought experiments to test his ideas in his mind. Some of his famous thought experiments are:

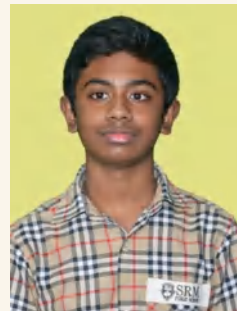
**The Elevator Experiment:** Einstein imagined himself to be inside a moving elevator. He thought, what would happen if the elevator were moving in the downward direction towards earth at a great speed? He would certainly feel weightless because a falling man does not feel his own weight. But then he thought, what would happen if the elevator were rising upwards, away from earth very fast? He would be accelerating in the opposite direction and be glued to the floor in the same way, as he would be while standing on the earth. Thus, Einstein concluded that gravity and acceleration are the same thing and that is why  $a=g$  (acceleration is equal to gravity) in physics.



**The Light-Chasing Experiment:** Einstein imagined himself to be chasing a beam of light at a speed “c” (velocity of light in a vacuum). According to a common man's supposition, the man thinks that the light beam is relative, that is, it would look as if to be frozen when someone travels at speed “c”. Nevertheless, according to Michelson-Morley's

experiment, the speed of light is CONSTANT, irrespective of the observer. Thus, he concluded that when a body/object travels faster and faster in space, the more the time slows down.

**The Train-Light Experiment:** Einstein imagined a train moving very fast and two lightning bolts striking behind it a hundred metres apart at the same time. He wondered if he would see them at the same time if he were on the train or outside it. He realized that they would not be simultaneous for both observers, that is, it would be simultaneous for the observer outside but not simultaneous for the person inside because light has a constant speed and the train is moving towards one light bolt and away from another. *This is the theory of simultaneity, which says that events can be simultaneous for one observer, but not another, depending on their position in space.*



SUNDARAVELAN.P

IX 'D'

## SUN

The Sun, a bright, life-giving star at the center of our solar system, has fascinated people for a very long time. Its strong light and heat make life possible on Earth. Learning about the Sun is important because it helps us understand our solar system and the weather in space, which can affect our technology and even our safety.

In the search for knowledge, the Aditya-L1 mission, sent by the Indian Space Research Organization (ISRO), is a significant effort. Named after the ancient Vedic sun god, Aditya, this mission is India's first dedicated solar observatory. Aditya-L1's main goal is to study the Sun's outermost layer, called the solar corona, and its magnetic field changes.

With advanced tools, Aditya-L1 aims to observe solar events like solar flares, large bursts of energy, and the Sun's magnetic field activity very closely. These observations will give us important information about how the Sun behaves, helping scientists predict space weather that can harm communication, navigation, and power systems on Earth.

The Aditya-L1 mission shows India's dedication to learning more about space and the Sun's role in our solar system. As we keep learning about the Sun's mysteries, we get closer to using its energy and protecting our technology from the Sun's changes. Through this important research, Aditya-L1 guides us toward a better understanding of the Sun and how it plays a role in our solar system.



ABHINAV KUMAR.S

IX 'D'



## EXPLORING THE UNIVERSE: ISRO'S MISSION TO UNDERSTAND THE SUN

### Introduction

Welcome to the latest edition of our newsletter, where we dive into the fascinating world of stars and ISRO's groundbreaking mission to observe the Sun. Join us on this cosmic journey as we unravel the mysteries of our universe.

Stellar Insights: Stars

- **Stellar Anatomy:** Stars are colossal spheres of plasma held together by their immense gravitational force. Their unique life-cycle hinges on a delicate balance between two dominant forces.

**Cosmic Powerhouses:** The first of these forces is the energy generated by nuclear fusion deep within a star's core. It's this energy that fuels the star, radiating light and heat into space.

**Gravity's Grasp:** The second force, gravitation, counteracts the outward pressure from nuclear fusion, keeping the star's mass in place.

**Elemental Origin:** Stars are primarily composed of two of the lightest elements in the universe: hydrogen and helium.

**Nuclear Fusion:** Within a star's core, hydrogen atoms are fused together under extreme temperature and pressure, forming helium. This process powers the star, including our very own Sun.

ISRO's Mission to the Sun: Aditya L1:

Now, let's turn our attention to the ADITYA L1 mission by ISRO,

which aims to study the Sun from a unique vantage point:

**Orbiting the Sun:** ADITYA L1 currently orbits Earth at a special point known as the Lagrange 1 (L1) point,

located approximately 1.5 million kilometers from Earth, in the direction of the Sun.

**Eclipses Unveiled:** The L1 point offers a strategic advantage as it allows the satellite to maintain the

same orbital period as Earth. Consequently, solar eclipses do not obstruct the satellite's view of the Sun.

-**Scientific Goals:** ADITYA L1's primary objective is to provide real-time observations of solar activity and its effects on space weather.

**Cutting-Edge Payloads:** The spacecraft is equipped with seven cutting-edge payloads, including electromagnetic, particle, and magnetic field detectors. These instruments enable the observation of the photosphere, chromosphere, and the Sun's outermost layer, the corona.

**DURVEISH S.B**

IX 'D'



## ENVIRONMENTAL CONSERVATION

Environmental conservation is the practice of protecting and preserving the natural world, ensuring its sustainability for future generations. It involves a range of activities mitigating human impacts on the environment and maintaining ecological balance.

### Key aspects of environmental conservation:

- 1. Biodiversity Preservation:** Conservation efforts focus on safeguarding the variety of plant and animal species on Earth. Bio-diversity is essential for ecosystem stability.
- 2. Habitat Protection:** Protecting natural habitats, like forests and oceans, is crucial for the survival of species that depend on them.
- 3. Pollution Control:** Managing and reducing pollution, whether it's air, water, or soil pollution is vital for environmental health.
- 4. Resource Management:** Sustainable management of resources like water, forests, and fisheries ensure their availability for future generations.
- 5. Climate Change Mitigation:** Conservation includes efforts to reduce greenhouse gas emissions and promote renewable energy sources to address climate change.
- 6. Waste Reduction:** Encouraging recycling, reducing waste, helps lower the environmental impact of human activities.
- 7. Education and Advocacy:** Raising awareness and advocating for policy changes are critical to driving conservation action.
- 8. Protected Areas:** Establishing and maintaining national parks, wildlife reserves, and marine sanctuaries safeguards critical habitats.

### 9. Sustainable Agriculture and Forestry:

Promoting sustainable practices in farming and forestry ensures resource conservation.

**10. Community Engagement:** Involving local communities in conservation fosters a sense of responsibility and ownership.

**11. Technological Advancements:** Technology aids conservation, such as using drones for wildlife monitoring and data analytics for management.

**12. International Cooperation:** Many environmental issues require global collaboration, such as addressing pollution and protecting endangered species. Environmental conservation addresses numerous global challenges, including climate change, loss of biodiversity, habitat destruction, and resource depletion. It's vital for a sustainable future, benefiting not only the environment but also humanity. Individuals, communities, governments, and organizations play roles in advancing conservation efforts to protect Earth's ecosystems for future generations.



AYAAN SOHAIL

IX 'D'

## THE SOUL SPACE OF ART

Drawing is an art that has the power of bringing joy to the soul. Art plays a big role in our cognitive development. Art has the power to make people more eloquent. Accordingly, portrayal aims at our mental and moral development. Let's go make stuff.

Drawings are a means of keeping the brain and heart steady. Art is where work meets love. While artists sketch their painting, it helps us to write and think creatively, develop hand and eye coordination and analytical skills. Drawing is very useful to get rid of depression. Dream your painting, then paint your dream. Painting makes us mentally steady and strong. It is feasible to gain insight into the feelings of people through their drawings. Art enhances the agility of people. Artwork like mandala and doodle art give us patience in all work. The 'Earth' without 'Art' is just like 'Earth' without 'water'.

Drawing is an outstanding time pass. Painting educates the beauty of nature. How WOW! The nature would be. Colour your dreams and fly colourful. Drawings are the recreations of the world. One must focus on drawing shapes, instead of outline at the beginning of a drawing. You are just created to create something beautiful in this world. Thus, art is very useful to get rid of depression.



SAHANA. K.S

XI 'A'

## TRAVEL

We travel a twisting path of tales  
 a world that is unknown, exploring lands and hearts,  
 New horizons are revealed with each step  
 a colorful, vibrant symphony of civilizations  
 Oceans' boundless grace and towering mountains,  
 In every country abroad, we seek the sun  
 We find our souls freed in the embrace of travel

**A.OLIVA WINNARASI**

XI 'A'



## SAIL THROUGH FAILURE

It is not wrong to fail  
 there is always another sail  
 Things fall apart  
 but don't let it break your heart  
 Failure is not to cry  
 but to give another try  
 It not only gives you pain  
 It helps you train  
 Failure is nothing less  
 than a key to success.



**ROSHINI .S**

XI 'A'

## RIDDLE

- 1) Mr. Sheik has five sons and each has a sister. In total, how many children does Mr. Sheik have?
- 2) I can never walk, I have a mouth but never talk, have a head that never weeps, and a bed that never sleeps. Who am I?
- 3) What 5-letter word typed in all capital letters can be read the same upside down?
- 4) You will see me in Mercury, Mars, Jupiter and Earth but not in Venus or Neptune. What am I?
- 5) I speak without a mouth and hear without ears. I have no body, but I come alive with wind. What am I?
- 6) I touch your face, I am in your words. I am a lack of space and beloved by birds. What am I?
- 7) Give it food it will live and give it water it will die. What is it?
- 8) What disappears as soon as you say its name?
- 9) What spends all the time on the floor but never gets dirty?
- 10) What comes once in a minute, twice in a moment, but never in a thousand years?
- 11) You can put me in water, but I never get wet. What am I?
- 12) The country which doesn't have letters A, R and Y?
- 13) It has an eye but cannot see. What is it?
- 14) Ms. Rose's peacock lays an egg in Mr. Jones's yard. Who owns the egg?
- 15) I am more than 10 but less than 14. I am one more than the number of month in one year. What am I?

- Answers:**
- 1) 6 Children
  - 2) Air
  - 3) SWIMS
  - 4) Letter R
  - 5) An Echo
  - 6) Fire
  - 7) Silence
  - 8) Shadow
  - 9) Letter M
  - 10) Letter M
  - 11) Reflection
  - 12) Mexico, London, United Kingdom
  - 13) A Needle
  - 14) Nobody, because peacock doesn't lay eggs only peahen does.
  - 15) 13

**RAJASREE. P**

XI 'A'



## TEST YOUR MIND WITH THESE LOGICAL QUESTIONS

1. Why do some cricket players never sweat?

Ans: It's because they have huge fans.

2. If you are in the dark room with a candle, a wood stove and a gas lamp. You only have one matchstick, so what would you light first?

Ans: The matchstick.

3. What does everyone need, want and ask for but never wish to take?

Ans: Advice.

4. If you throw a red stone into the blue sea, what will happen to the stone?

Ans: The stone will become wet.

5. What cannot fit even into the largest pot?

Ans: The lid of that pot.

6. What loses its head in the morning and gets it back at night?

Ans: A pillow.

7. How many eggs can be eaten on an empty stomach?

Ans: Your appetite has nothing to do with it. On an empty stomach, you can eat only one egg because all the next ones would not be eaten on an empty stomach.

8. What is it which has a power socket on one end and a corkscrew on the other?

Ans: A pig.

9. Make a sentence with the word 'because' used continuously in the same sentence.

[ .....because because because .....]

Ans: A sentence cannot start with because, because because is a conjunction.



**NIRANJANA SHARAVANAN**

**XI 'A'**

## THE SCIENTIFIC ARGUMENT FOR MASTERING ONE THING AT A TIME

Many people, including myself, have multiple areas of life to improve. For example, I would like to lift heavier weights at the gym, and to start practising mindfulness more consistently. Those are just a few of the goals I find desirable and you probably have a long list yourself.

The problem is, even if we are committed to working hard on our goals, our natural tendency is to revert to our old habits at some point. Making a permanent lifestyle change is really difficult. If you want to master multiple habits and stick to them for good, then you need to figure out how to be consistent. How can you do that? Well, here is one of the most robust findings from psychology research on how to actually follow through on your goals:

Research has shown that you are 2x to 3x more likely to stick with your habits if you make a specific plan for when, where, and how you will perform the behaviour. For example, in one study scientists asked people to fill out this sentence: "During the next week, I will partake in at least 20 minutes of vigorous exercise on [DAY] at [TIME OF DAY] at/in [PLACE]."

Researchers found that people who filled out this sentence were 2x to 3x more likely to actually exercise compared to a control group who did not make plans for their future behaviour. Psychologists call these specific

plans "implementation intentions" because they state when, where, and how you intend to implement a particular behaviour.

This finding is well proven and has been repeated in hundreds of studies across a broad range of areas. For example, implementation intentions have been found to increase the odds that people will start exercising, begin recycling and stick with studying.

When you begin practising a new habit it requires a lot of conscious effort to remember to do it. After a while, however, the pattern of behaviour becomes easier. Eventually, your new habit becomes a normal routine and the process is more or less mindless and automatic. This brings us to the punch line of this article...

The counterintuitive insight from all of this research is that the best way to change your entire life is by not changing your entire life. Instead, *it is best to focus on one specific habit, work on it until you master it, and make it an automatic part of your daily life.* Then, repeat the process for the next habit.

The way to master more things in the long-run is to simply focus on one thing right now.

**AANANDHA SURYA.S.M**

**XI 'B'**





## NAVIGATING HIGH SCHOOL CHALLENGES

*A ROADMAP TO SUCCESS AND WELL-BEING*

High school, with its blend of academic pursuits, social dynamics, and personal growth, is a transformative journey that brings its fair share of challenges. From the pressure of academic performance to the complexities of social interactions, students often find themselves at crossroads.

**Academic Stress:** Balancing achievement and Well-Being: One of the foremost challenges students encounter is academic stress. Striving for excellence while juggling assignments, exams, and extracurricular activities can be overwhelming. To overcome this challenge, students must prioritise their mental and physical well-being. Realise that perfection is not the ultimate goal; instead, focus on consistent effort and learning. Creating a study schedule that allows breaks and rest is crucial.

**Time Management:** Mastering the Art of Balance: Effective time management is the cornerstone of high school success. With classes, homework, projects, and personal commitments, students often struggle to find a balance. Developing time management skills early on is essential. Prioritise tasks, set achievable goals, and utilise tools like planners or digital apps.

**Peer Pressure:** Navigating Social Influences: Peer pressure is an ever-present challenge in

high school. The desire to fit in and be accepted can lead students to make choices that don't align with their values. It's vital to cultivate self-confidence and the ability to say no when necessary. Surround yourself with supportive friends who share your interests and values.

**Mental Well-Being:** Prioritising emotional health is the first step towards mental well-being. Amidst the hustle and bustle of high school life, maintaining mental well-being is paramount. Stress, anxiety, and even depression can take a toll on students. Open communication with parents, teachers, or counsellors is crucial. Practising self-care routines, such as exercise, hobbies, and spending time with loved ones, can significantly improve mental health.

**Conclusion:** Remember that it's okay to ask for help, take breaks, and prioritise self-care. Each challenge you conquer is a step forward on the path to becoming a well-rounded, resilient individual prepared to face the future with confidence.



**SUSSANA FRANCIS**

**XI 'B'**

## NATIONAL SPORTS DAY

- \* National sports day is celebrated on August 29 of every year.
- \* On the birth anniversary of major Dhyan Chandh Singh, who was a legendary Indian hockey player - National sports day of India is celebrated.
- \* Major Dhyan Chandh Singh is also known as the Hockey Wizard of India.
- \* On the occasion of national sports day, various sporting activities are conducted across schools and colleges.
- \* The President of India gives the awards on national sports day to the players across the field.



**DIVYANAND.K**

**XI 'C'**

## INDEPENDENCE DAY

Unpleasant years passed with rivalry  
With people's hand drenched in blood of loved ones  
Eyes gleamed with unsought freedom for decades  
Finally the moon arose with a great victory  
Amidst the insane darkness , there was a glow of light  
In the middle of August, In the midnight sky  
None has even thought of sleep and became insomniac  
And nobody questioned why because that was the very night  
When Tricolor Flag waved in the awe of freedom  
The greatness the night holds belongs to millions of its own  
And the Souls of warriors finally rested in peace  
Sweets, Chocolates and even sweeter was the sense of independence  
Countless Sleepless days ended in the sleepless night for one last time  
And here we are stepping in to the 77<sup>th</sup> year  
Honouring the fact-Truth Alone Triumphs.

**HARISH.R**  
XI 'C'



## குறிக்கோள்

குறை கூற மட்டுமே அறியும்  
இச்சமுதாயத்தினை விட்டுவிடு!  
நீ யாரென்று உன் உள்ளத்திடம் கேட்டுவிடு!  
வாழ்வில் மிகசிறந்தது சாதிப்பதே!  
உன் இலக்கை அடைந்த நாளை சந்திப்பதே!  
உன்னை எதிர்க்கொள்ளும்  
ஆபத்தினை கண்டு அஞ்சாதே!  
உன் குறிக்கோளினை அடைய தயங்காதே!

**ஜெ.ஜெயஸ்ரீ**  
XI 'C'



## MODEL UNITED NATIONS

What is MUN? As a MUN student, who has attended only a single mun till now, I can say that participating in MUN is a great experience. Also, you need not go to ten different MUNs to understand how it works.

MUN is similar to the united nations general assembly but it works on a very smaller scale. In a MUN different issues related to world peace are discussed and a resolution is drafted. All the people attending MUN are known as delegates who represent a country. A mun also consists of the chairs. Chairs are the people who moderate and make sure that the MUN runs smoothly.

Once you step in the council room, you forget your individuality and enter into a world where the countries speak to each other. As a child, I was always fascinated by the thought of what would happen if countries could speak to each other, and stepping into MUN I have got my answers.

After being in MUN, you start to realise that the problems faced by you in your daily routine are nothing compared to that of the current problems happening in the world. I, being in the

sochum (social, cultural and humanitarian) committee, had to witness so many problems where the civilians were deprived of the basic human needs like food, water, shelter and constitutional rights.

Some people were robbed of their homes and some even of their identity. This helped me realise the importance of governing bodies like united nations and made me think of what would happen to the world if there were no bodies like these.

Anyway, to conclude, I can say that participating in MUN is a great lifetime experience which everyone needs to get. If this article makes you think even a bit of joining MUN club, then please do. I promise you will never regret it because along with fun come many advantages. Join the club to access them all to become a good orator.

**NAUSHEEN SHAIK**  
XI 'NIOS'



## HOW DID THE IDEA OF SANTA CLAUS ORIGINATE?

Santa Claus, or Father Christmas, has his origin in the 4th century AD. St Nicholas was Bishop of Myra in southern Turkey, and among his good deeds, he gave bags of gold to three poor girls so they could marry. This is why he is particularly associated with giving gifts to children.

In some countries, i.e., Northern Europe children were given precedence on December 5, the age of Saint Nicolas's day. When Dutch migrants arrived in New York, this was mixed with the Scandinavian tradition of giving children a lump of coal or a gift according to whether they had been naughty or nice. The Dutch name San Nicholaas changed to Sankt Klaus and eventually to Santa Claus.

In different countries, gifts were given on other days: Christmas Day itself, or January 6<sup>th</sup>, the gift of the biblical three kings. Eventually, all three traditions became mixed up and presents are now mostly given around December 25. In England they moved the date of Santa's arrival to Christmas Eve. Gradually, his red costume, the reindeer and his home at the north pole became part of the tradition.



**SAHANA. R**  
**XI 'D'**

## DEPRESSION - A MAJOR PSYCHOTIC ILLNESS

This topic can be well relatable to all the teenagers out there. These issues that are faced by teenagers are considered to be one of the main social issues in society. All teenagers here have some or the other issues. Nowadays they are constrained in their comfort place rather than making themselves exposed to the world.

Being unsociable is a colossal problem it has arisen due to the incapability of having direct conversations and preferring to have through other media. According to the National Institute of Mental Health & Neuroscience (NIMHANS), an estimated 4.1 million adolescents in the United States had at least one major depressive episode.

Being and spending too much time on electronics, not being participative and the feeling of being left alone are making 71% of teens depressed says surveys. These kind of problems not only affect the person but their peer groups and family too. We all have to understand the fact that we are the ones responsible for that depressive episode. So, it's in our hands to resolve this problem.



**REETHI**  
**XI 'D'**

## RACK 'n' ROCK

1. A girl gave lift to a boy. After being dropped at his home, the boy asked for her name. She told him that her name was hidden in her car's number. The boy noted the girl's car's number to be: WV733N Can you find out the name?
2. An Apple is 40 cents, a Banana is 60 cents, and a Grapefruit is 80 cents. How much is a Pear?
3. Saanvi's Friends were chipping in to buy her a birthday present. At first, 10 friends chipped in, but 2 of them dropped out. Each of the 8 had to chip in another dollar to bring the amount back up. How much money did they plan to collect?
4. What is the value of  $\frac{1}{2}$  of  $\frac{2}{3}$  of  $\frac{3}{4}$  of  $\frac{4}{5}$  of  $\frac{5}{6}$  of  $\frac{6}{7}$  of  $\frac{7}{8}$  of  $\frac{8}{9}$  of  $\frac{9}{10}$  of 1000?
5. If:  $2+2=44$ ,  $3+3 = 96$ ,  $4+4=168$ ,  $5+5 = 2510$   
Then:  $6+6=?$

### Answer

1. Neelam
2. 40
3. 40
4. 100
5. 3612



**KAVIYASHREE**  
**XI 'D'**

## CARNATIC MUSIC

Carnatic music is one of the two traditions that serve as the foundation of Indian classical music. Both Carnatic music—also known as Karnatic—and its counterpart, Hindustani music, emerged in the twelfth century and derived from Hindu traditions, specifically the Vedic Sanskrit religious text known as the Samaveda (or Sama Veda), which details melodies. Carnatic music is one of the two dominant genres of Indian classical music.

Carnatic music is still mainly dominant in the southern part of India. It is most popular in Tamil nadu and Kerala. In our state, carantic music plays a major role and the city of Chennai in Tamil Nadu hosts a music carnival or festival every year from mid-December to mid-January which usually call it as margazhi utsav. Usually Carnatic music has two main components:

Melody (ragam) and rhythm cycle (thalam). Both of these concepts are present in other genres of classical music as well. The ragam is made up of two parts: the specific musical notes (swaram) that are allowed in every octave. A ragam specifies which notes should always to be sung together and how one is allowed to move from note to note. The movements could be linear, with or without undulations (gamakam)

and could be different while ascending (going from lower note to a higher note) and descending.

The thalam is a set of beats (aksharam) arranged in groups. There are thirty five primary rhythm cycle types with five flavors (jaathi) in each type. A song or composition (geetham or keerthanam or krithi) is essentially one or more stanzas of lyrics (such as a poem) set to a melody and a rhythm cycle. Song is identified by four pieces of information: its title, the name of the melody it is composed in, the name of the rhythm cycle it is set to, and the composer's name.

The song-centric style places emphasis on singing or playing the song as its composer envisioned it, limited improvisations that demonstrate the artist's spontaneity and mastery of the melody and rhythm and singing a variety of songs in different melodies demonstrating different emotions.

Though Carnatic music has been around for a long time, the 'modern era' of Carnatic music started circa 1400 CE. Composers since then have left a stronger mark on modern day Carnatic music than any earlier ones.

Among the various composers of Carnatic music, three stand out and are referred to as the 'trinity' of Carnatic music: Shyaamaa Saastri (1762-1827 CE),

Tyagarajar (1767-1847 CE), Muthuswaamy Deekshitar (1776-1835 CE). Like a lot of people in India, these composers were multi-lingual and their compositions were in the Sanskrit, Telugu, Kannada, and Tamil languages (sometimes a single song containing multiple languages).

During the British rule of India, a few Carnatic musicians learnt to play the violin as part of their stints in Western style orchestras, and the instrument slowly worked its way into the Carnatic system to become both the most common accompaniment to a vocalist and also a main instrument in its own right. Clarinet and saxophone were more recent additions to Carnatic music instruments, probably sometime in the middle of the 20th century.

**SUBATHRA  
XI 'D'**





## WHY IS DANCE IMPORTANT TO OUR LIFE?

“There are shortcuts to happiness, and dancing is one of them.”  
Dance allows people to be more active, socialize and develop creativity and physical skills. It can reduce stress levels, improve relaxation, provides stronger bones & muscles, bring weight under control and enhances brain function.

Through dance, people get to share their culture & traditions. India has so many different dance forms to represent each state like Bharatanatyam-Tamil nadu, Garba-Gujarat, Manipuri Raas Leela-Manipur, Kathak-Uttar Pradesh etc.

Western dance is also a form which consists of Hip-Hop, Break dance, Ballet, Jazz etc. Dance in common is about feeling yourself, expressing yourself in your own style, grooving.

**SIBANI SHREE**  
XI 'D'



## INTERESTING FACTS ABOUT 'WHY YOU SHOULD BE ORGANIZED'

1. It is easier to stay focused on the important tasks and people in your life.
2. You'll gain confidence and feel great about yourselves
3. Saves energy
4. Eliminates stress, creates a positive mood and makes you feel relaxed when you come home after a whole day of work
5. Saves money & time
6. Increases productivity at work. High level of order and organization allows people to focus on their goal without getting distracted.

**MONISHAA.V**  
XI 'D'



## MATHEMATICS FACTS

1. From 0 to 1000, the only number that has the letter 'A' in its spelling is 1000.
2. Every odd number contains the letter E.
3. Zero is the only number not depicted in Roman numerals.
4. Multiply 6 with an even number, the answer ends with the same digit.
5. The opposite sides of a dice always add up to 7.
6. 7 is the only number you can't multiply or divide to get an answer within 1 to 10.
7. FOUR is the only number spelled with the same number of letters as the number itself.

**ABIB DEBORAH.K**

XI 'A'



## எந்நாளும் நன்னாளே!

பாடும் பறவைக்கு எந்நாளும் நன்னாளே!  
கூவும் குயிலுக்கு எந்நாளும் நன்னாளே!  
உதிக்கும் சூரியனுக்கு எந்நாளும் நன்னாளே!  
அலைமோதும் கடலுக்கு எந்நாளும் நன்னாளே!  
வீசும் தென்றலுக்கு எந்நாளும் நன்னாளே!  
இயற்கை அதனதன் இயல்பிலே இருக்க,  
ஏனோ மனிதா! நீ மட்டும் இயற்கையை மீறி செல்கிறாய்?  
இயற்கையான காலத்தைக் கண்டு ஐயம் கொள்ளாதே!  
சாதித்து சரித்திரம் படைக்க பிறந்த உனக்கு,  
எல்லா நேரமும் நல்ல நேரமே! எல்லா நாளும் நல்ல நாளே!  
முயன்றிடு! பயிற்சியெடு! வென்றிடு! காலம் உன் வசம்....

**KAARUNIKA.R**

XI 'D'



## GLOBAL WARMING: A LOOMING CRISIS AND CALL FOR ACTION

### Introduction

Global warming, a phenomenon driven by human activities, has emerged as one of the most pressing challenges facing humanity and the planet. The steady increase in Earth's average temperature due to the accumulation of greenhouse gases is triggering a cascade of environmental, social, and economic consequences that demand immediate attention and concerted global action.

### Causes and Effects

At the heart of global warming lies the emission of greenhouse gases, such as carbon dioxide, methane, and nitrous oxide, into the atmosphere. These gases trap heat, leading to a warming of the planet's surface. The consequences are far-reaching: the melting of polar ice, rising sea levels, more frequent and intense heat waves, shifts in weather patterns, and disruptions to ecosystems and biodiversity.

### Impact on Ecosystems

Ecosystems around the world are experiencing upheavals due to shifting temperatures and altered weather patterns. Coral reefs are bleaching and dying, forests are facing increased vulnerability to pests and wildfires, and species are migrating or struggling to adapt.

The loss of biodiversity threatens the delicate balance that sustains life on Earth.

### Social and Economic Ramifications

Global warming is not only an environmental crisis but also a social and economic one. Vulnerable communities, particularly in low-income countries, are disproportionately affected by extreme weather events, crop failures, and water scarcity. Displacement, food insecurity, and conflicts over resources become more likely as the impacts escalate.

### The Call for Action



Addressing global warming necessitates a multifaceted approach involving individuals, governments, industries, and international collaborations. Transitioning from fossil fuels to renewable energy sources, enhancing energy efficiency, protecting forests, and investing in sustainable agriculture are critical steps. The Paris Agreement, a landmark

international accord, sets a framework for nations to collectively limit global warming by reducing emissions.

Individuals can also contribute by adopting eco-friendly lifestyles, reducing waste, supporting clean energy initiatives, and advocating for policy changes. Education and awareness campaigns play a vital role in mobilizing public support and fostering a global sense of responsibility.

### Conclusion

Global warming is not a distant threat—it is a reality that requires urgent action. As the world grapples with the impacts of a changing climate, unity and determination are the keys. By embracing sustainable practices and advocating for systemic change, we can work towards a healthier, more resilient planet for current and future generations. The fight against global warming is a collective endeavor that will define our legacy and shape the world we leave behind.

ARUNDHATHI.K  
XI 'D'



## THE ENRICHING BENEFITS OF CYCLING: A PATHWAY TO HEALTH AND HAPPINESS

### Introduction:

Cycling, a timeless activity that combines exercise, transportation, and recreation, has been cherished by people of all ages for generations. From the serenity of a solo ride to the camaraderie of group cycling events, the benefits of cycling extend far beyond the mere act of pedaling. In this article, we explore the multifaceted advantages that cycling brings to individuals and communities.

**Cardiovascular Health:** Cycling is a low-impact cardiovascular exercise that strengthens the heart, improves circulation, and reduces the risk of heart diseases. **Muscle Toning:** Pedaling engages various muscle groups, including the legs, core, and glutes, leading to improved muscle tone and overall strength.

**Weight Management:** Regular cycling aids in burning calories, contributing to weight loss and weight management efforts.

**Joint-Friendly:** Unlike high-impact activities, cycling is gentle on joints, making it an ideal option for individuals with joint issues or those recovering from injuries.

**Enhanced Endurance:** Long rides help build endurance and stamina, improving overall fitness levels and providing a sense of accomplishment.

**Mental and Emotional Well-being Stress Reduction:** Cycling outdoors amidst nature's beauty can be a therapeutic experience, reducing stress levels and promoting relaxation.

**Mood Elevation:** Physical activity triggers the release of Endorphins, known as "feel-good" hormones, resulting in improved mood and reduced anxiety.

**Mindfulness:** The rhythmic motion of cycling can help clear

the mind, promoting mindfulness and allowing riders to focus on the present moment.

**Boosted Self-Esteem:** Achieving cycling milestones and overcoming challenges can boost self-confidence and a sense of achievement.

**Cost-Efficient Transportation:** Cycling is an eco-friendly and cost-effective mode of transportation, reducing fuel expenses and contributing to a greener environment.

**Reduced Traffic Congestion:** Increased cycling decreases traffic congestion, leading to shorter commute times for everyone and improved air quality. **Sustainable Lifestyle:** By choosing cycling over motorized transportation, individuals contribute to a more sustainable way of life, reducing their carbon footprint.

**Community Bonding:** Cycling events and clubs foster a sense of community, bringing people together who share a passion for riding.

**Exploration:** Cyclists often discover hidden gems in their localities that they might not have noticed otherwise, leading to a greater appreciation of their surroundings.

**Promotion of Safety:** An increase in cycling often leads to improved infrastructure, such as bike lanes and safety measures, benefitting both

cyclists and pedestrians. **Charitable Initiatives:** Cycling events and fundraisers contribute to charitable causes, uniting cyclists in support of various social issues.

### Conclusion

Cycling is more than a mode of transportation or a form of exercise—it's a holistic experience that enriches physical health, mental well-being, and communities. The myriad benefits of cycling, from improved cardiovascular health to



enhanced mood, underscore its importance in leading a fulfilling life. As we pedal through life, let us remember the joy, vitality, and unity that cycling brings, and continue to share its advantages with the world. So, whether you're an avid cyclist or a beginner on two wheels, there's no denying that cycling is a pathway to health and happiness for all.

**PATHAN AYAAN KHAN**

**XI 'D'**



## ENGINES AND HEARTS

As a teenager, I have always wished I had my own bike to ride, there are many teens like me who are obsessed with bikes and badly want to ride one. Have you ever wondered why the owners of the bikes are so emotionally connected with it?

As a lover of engines, I know the answer. It's simple. We feel the connection which we don't feel with any other thing in the world. This may sound crazy but that's the truth. Each and every one has something which relaxes them and makes them feel happy like dancing or having a pet and here it's riding for me. Yes, I know I am not legally allowed for it but I don't understand if you don't learn now when you will.

We mostly hear 'bikes are only for boys'. As a growing woman of this generation, I think a woman can handle family and work at the same time. Do you think it's difficult to handle engines? I don't think so. It's not about gender; it's all about understanding the engines. There is a quote which I love, '*IF YOU CAN STILL HEAR THE FEARS JUST SHIFT THE GEARS*'.

Riding a bike doesn't only give you peace but it even chases your fear away. If you have a fear that you will fall and hurt yourself, just remember that you don't learn without falling. In my opinion, if you don't fall when you ride, you are not enjoying it in a right way. Biking is not about racing. It's all about enjoying and riding safe at the same time ..

Ride them before electric bikes takeover our future, we are the last generation to enjoy fuel engines.....

**VIBHA M.K.**  
XI 'D'



## MENTAL HEALTH

Mental health is an important topic to ponder. It is all about taking care of our emotional and psychological wellbeing. It's important to prioritise self-care and seek support from loved ones or professionals in case of any need. Most of the people don't get what some of us get. Mental health is important at every stage of life, from childhood to old age.

### Types of mental illnesses

\*Neurotic disorder-Anxiety disorder, phobias, Generalized anxiety disorder (GAD)

\*Psychotic disorder – Schizophrenia, BPAD (Bipolar affective disorder), Schizo-affective disorder or Stressful situations, such as financial problems, a loved one's death or a separation or a divorce, an ongoing medical condition or traumatic experiences.

### Poor mental health

Good mental health means being generally able to think, feel and react in the ways that you need and want to live your life. But if you go through a period of poor mental health, you might get poor thinking capacities, frequent disorientation, irritation and mental turmoil.

### Positive mental health

Other features of positive mental health include: feeling positive emotions like happiness, love, compassion, satisfaction. Our environment also affects our mental health. In a peaceful environment, our mind feels calm and fresh. In a polluted or noisy environment, we'd feel disturbed and agitated. This is how environment influences our mind. Therefore, it's utmost important to keep ourselves calm and lead a positive way of life by acquiring positive mental health

**KASHVISREE MUNIRAJ**  
XI 'D'





## BOOK REVIEW

Reading books is something a lot of people do not grow out of, especially when it comes to story books with our choice of genre. We all love to read different genres like action, science-fiction, biography, fantasy and horror etc. Those who are interested in reading books sometimes cannot decide on what to read? Then I got you! This article is going to be a book review about a book written by one of my all-time favorite authors!

### THE TRIALS OF APOLLO

-RICK RIORDAN

The Trials of Apollo is the fifth series in the popular Percy Jackson series by Rick Riordan. The book follows the adventures of the Greek god Apollo. Who was cast down into the mortal world from Olympus by his father Zeus. Apollo was forced into a human form and now must navigate a world filled with monsters and magic. The book is exciting to read and keeps the readers on their toes.

The story begins with Apollo crashing on a dumpster on Manhattan, America, trapped in a 16-year-old mortal body, where he was rescued by a 12-year-old girl named Meg, from two thugs sent by

mysterious forces. With Meg as his partner, they face a series of challenges and hardships in order to regain Apollo's immortality.

Little did Apollo know, his crashing into the mortal world affected the gods, demigods, and his Oracle priestess, resulting in the rise of his greatest enemy from ancient days- Python, and the three of the greatest, most blood thirsty Roman Emperors of all times- Emperor Nero, Emperor Gaius Caesar Augustus Germanicus who is well known as Caligula and Emperor Commodus, who all sought to destroy the gods, starting with Apollo, taking advantage of his weak state.

One of the most striking aspects of the book was the way Rick Riordan crafted the character Apollo. The mighty Lord Apollo, God of the sun, Archery, music, poetry, healing, diseases and more, was no traditional myth hero of great deeds during his time as a mortal, in these books. But was a flawed arrogant immortal who did not even pretend to be a do-gooder, without his godly psych and superhuman abilities, he had to learn his way through the world as a mortal, learning human emotions, to love, be loyal and to sacrifice. Meg in the other hand is a lovable character with a dry sense of humor and who helped Apollo find his feet at times.

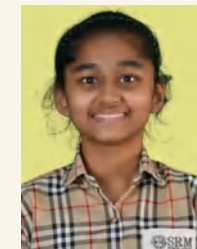
In terms of plot, the book contains many numbers of twists and turns and Rick Riordan's action scenes are exciting and well crafted. At the heart of the books, is the message of loyalty, trust, and sacrifice. The author's ability to weave these scenes into a beautiful story is impressive and resulting in a book that is both entertaining and thought-provoking.

You will not be disappointed by this series, but I would recommend you reading the previous two series by **Rick Riordan** which are the **Percy Jackson** series and the **Heroes of Olympus** Series for better understanding and a better perspective of the Rick Riordan world of Greek mythology, filled with modern gods, demigods, heroes, myth, monsters, and magic.

My personal review? I loved every page from book one to book five, but (spoiler alert) I would leave the book 4 and a half stars because I was upset about the fact that the author decided to end the life of a hero from the previous series (Heroes of Olympus) and the news about that was shocking and depressing.

J.SULAKSMI

XI 'D'



## WHY IS SPORTS IMPORTANT IN A STUDENT'S LIFE?

When we talk about a student, an image of a child with a heavy school bag with lots of books immediately pops into our minds. However, many believe that a school's environment shouldn't be just confined to academics. Since only reading or studying makes children bookworm, many other activities have a vital role in the holistic development of a student, such as sports or games, etc.

For ages, sports have been viewed as a way to stay healthy and fit, but it goes beyond that. Today, sports are essential for students' overall growth and development. Playing various sports helps them teach life skills such as teamwork, leadership, accountability, patience, and self-confidence and prepares them to face life challenges. Students get a chance to work on their physical and mental abilities to achieve goals in their life.

Several physical activities can play a vital role in leading a happy and healthy life; they are as follows:

- Overall Fitness
- Healthy and Fit Body
- Prevent Diseases
- Reduces Stress
- Hormonal Benefits

Social and Personality Benefits of Playing Sports:

- Enhanced Social Relationships
- Develops Life Skills
- Time management and discipline
- Less influenced in the direction of crime

Academic studies and athletic capabilities are associated with each other. They work like the two sides of the same coin. Along with theory sessions, sports also have a significant role in education. It leads to the overall formation of an individual's personality and contributes to their holistic development. The educational benefits of sports are countless and aren't limited to physical.



**RAGASIYA G.S**  
XI 'D'

## हिंदी भाषा का महत्व

हमारा देश हर वर्ष 14 सितम्बर को हिंदी दिवस मनाता है. ह 14 सितम्बर सन 1949 को भारतीय संविधान सभा ने एक फैसला लिया कि हिंदी भारत की राष्ट्र भाषा होगी

हिंदी भाषा पुरे विश्व में सबसे ज्यादा बोलने में चौथे नम्बर पर आती है लेकिन उसे अच्छी तरह से समझना, पढ़ना तथा लिखना यह बहुत कम संख्या में लोग जानते है. आज के समय में हिंदी भाषा के ऊपर अंग्रेजी भाषा के शब्दों का ज्यादा असर पड़ा है. आज के समय में अंग्रेजी भाषा ने अपनी जड़े ज्यादा घेर ली है जिससे हिंदी भाषा के भविष्य में खो जाने की चिंतायें बढ़ गयी हैं.

अगर हिंदी का विकास करना है तो लोगो को दूसरी भाषाओं को छोड़ कर अपनी देश की जन्म भाषा को स्वीकार करना पड़ेगा इस दिन सभी सरकारी और गैर सरकारी कार्यालय में अंग्रेजी के बदले हिंदी भाषा को उपयोग करने की सलाह दी जाती है. जो हर साल हिंदी में अच्छे कार्य और अच्छी तरह से इसका प्रयोग करता है तथा लोगो तक हिंदी भाषा का प्रचार और प्रसार करता है तो उसे पुरस्कार से भी सम्मानित किया जाता है.

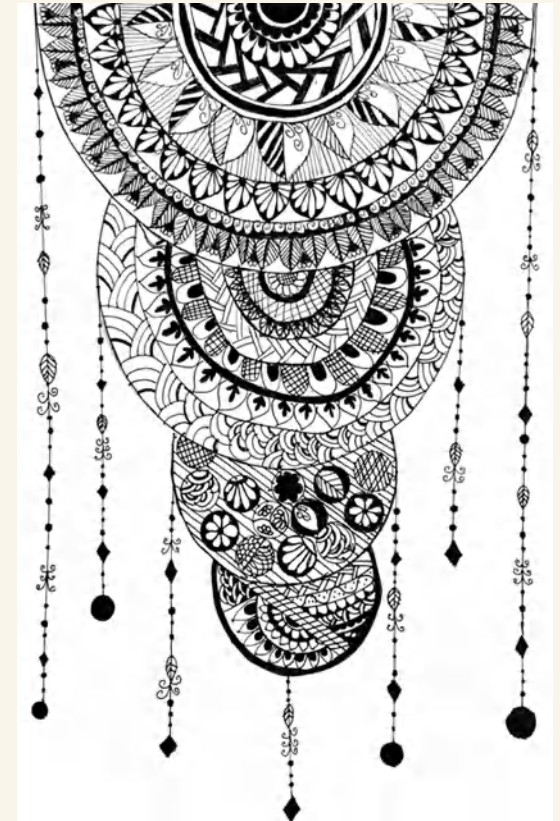
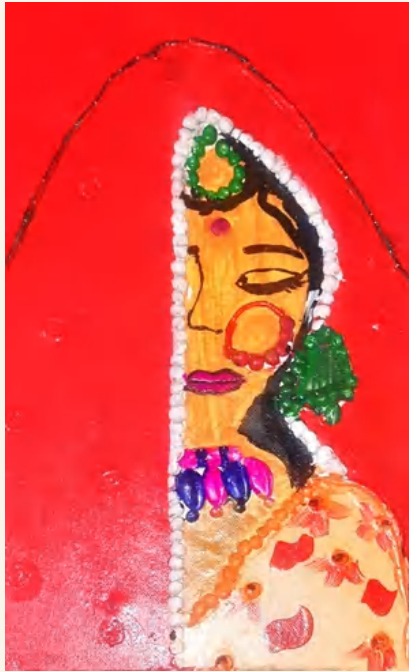
देश के लेखको ने हिंदी के ऊपर कई गीत और रचनाएँ लिखी है जिसमे एक है "" हिंदी है हम वतन है हिन्दोस्तान हमारा "" ये शब्द देश की शान में लिखे गए हैं और हमें गर्व महसूस कराते हैं. अपने अन्दर और दिलो दिमाग में यह सोच होनी चाहिए की "" पहले अपना देश आता है बाद में दूसरा देश आता है ""



**GAUTAM ANAND**  
XI 'D'



# Artistic Expressions...



CHARU INIYAL.G

IX 'A'

SUDHARSHANA.H

IX 'A'



KAYALVIZHI.V

IX 'A'

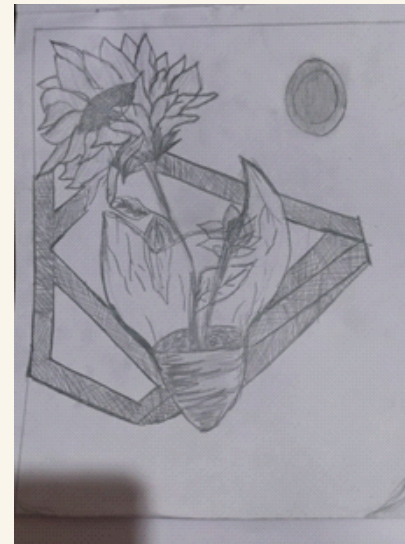


# Artistic Expressions...



**DHANUSHA R.A**

**IX 'A'**

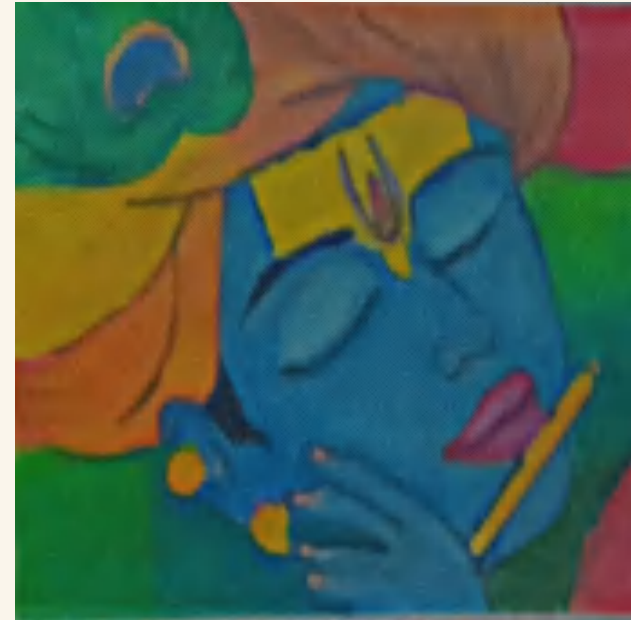
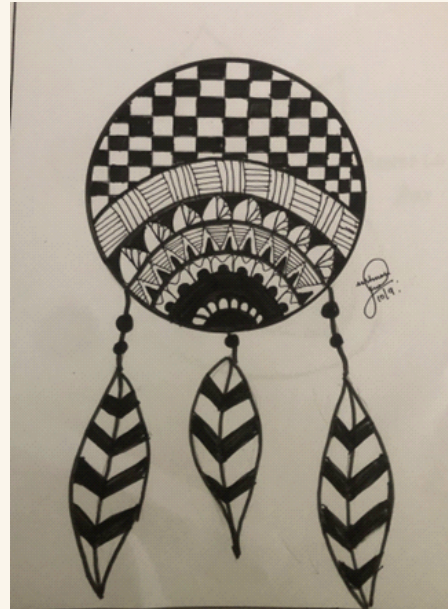


**ABINAYA S.J**

**IX 'A'**

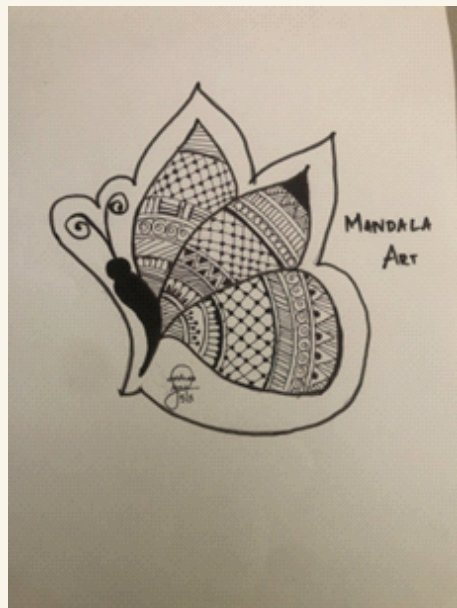


# Artistic Expressions...



**KAVIYA CHELVI.T**

**IX 'B'**



**SUSHMA SUBHI.Y**

**IX 'A'**



**ARCHANA RITHU.H**

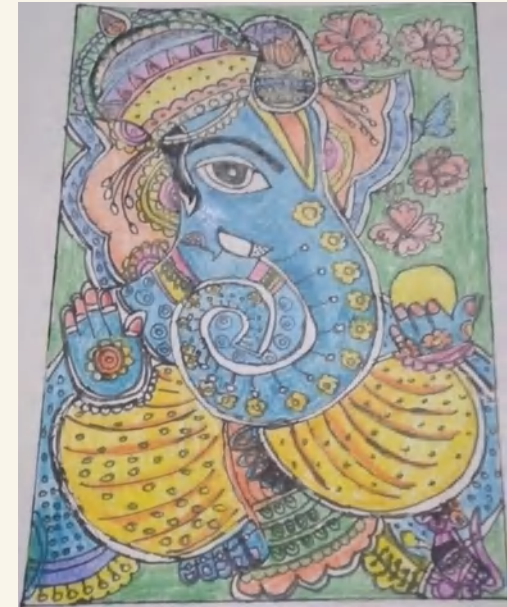
**IX 'B'**

# Artistic Expressions...



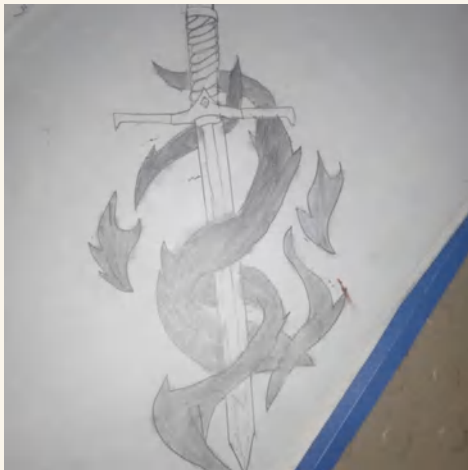
**SREE VEDHIKA.V**

**IX 'B'**



**HARSHITA.K**

**IX 'C'**



**KANNADASS.G**

**IX 'B'**



**KANMANI.J**

**IX 'C'**



# Artistic Expressions...



PRAWIN KRISHNA.H

IX 'C'

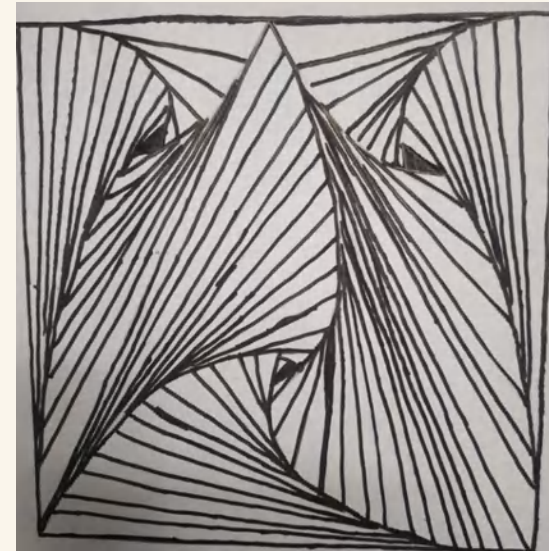


HARSITHA. S

IX 'C'



# Artistic Expressions...



ROSE ELSA TOM  
IX 'D'

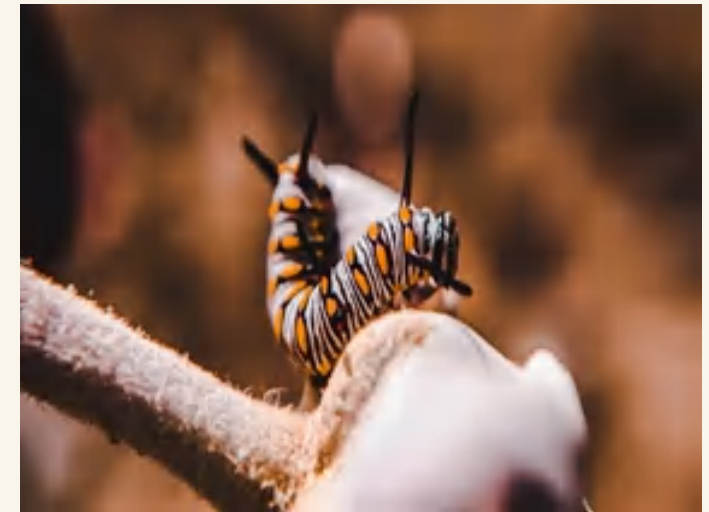
JANESH KUMAR.K  
IX 'C'



DIVYA.V  
IX 'D'



# Artistic Expressions...



A. ABDUL HAFEEZ ALI

XI 'A'

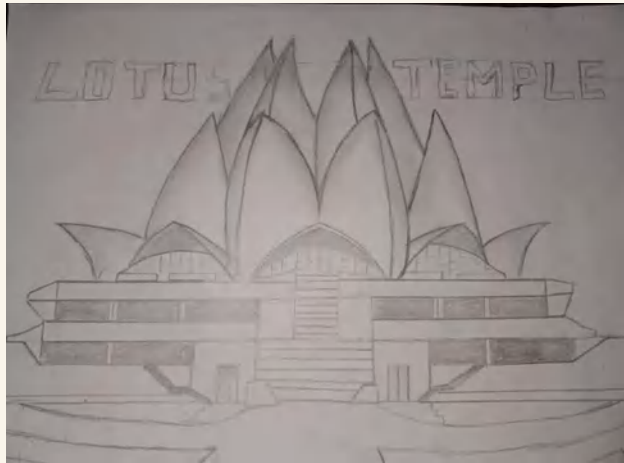


J. SABARISH

XI 'A'



# Artistic Expressions...



**M.DHIVYAN**  
**XI 'A'**



**SISHRA ASWATHY VIDYANANDA GHOSH**  
**XI 'B'**



**VEENYA.M**  
**XI 'B'**

# Artistic Expressions...



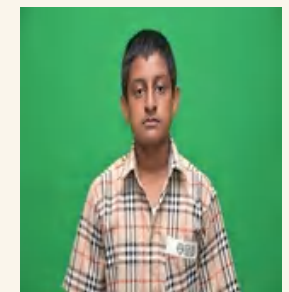
**HARSHINI DEVA PRABHA.M**

**XI 'C'**



**LIVYASHREE.R**

**XI 'C'**

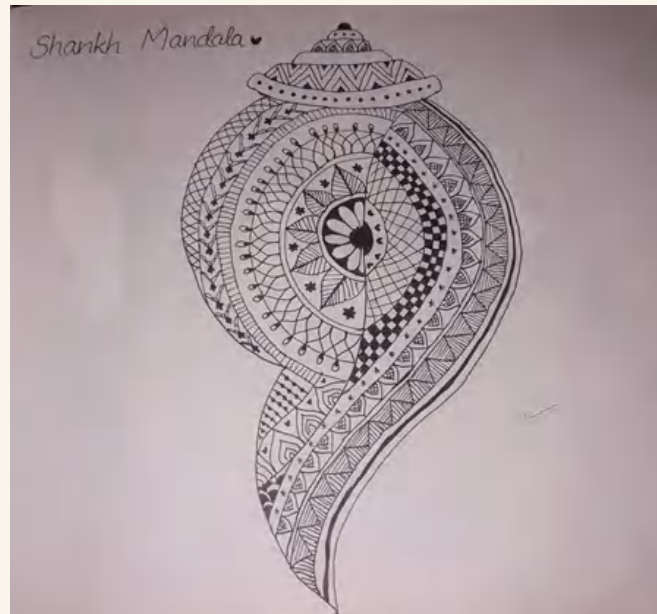


**HARISH.R**

**XI 'C'**



# Artistic Expressions...



**MERLIN.A**  
XI 'C'



**PREETHI.S**  
XI 'B'



**PRATHIBHA SREE**  
XI 'D'

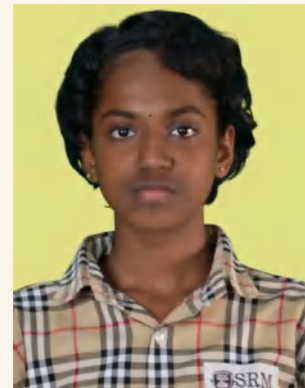


# Artistic Expressions...



PADMASRI.D

XI 'D'



# International Collaboration..



Around 30 students of grades 4 & 5 from SRM Public School, had a very fruitful interaction with the students of Tokyo Bay International School, Japan through a virtual meet. The students from SRMPS taught their Japanese friends 4 greeting words in Tamil. They spoke about sustainable living practices followed in Tamil Nadu, which included sustainable homes, eating out of banana leaves, using palm leaf and coconut tree products at home, wooden toys, kitchen gardens etc. The students of grade 4 & 5 also taught the Japanese students how to make a fish and bird using native material like coconut leaf strips. The Principal Mrs S Bhuvaneshwari, was actively involved in guiding the Japanese students to follow the instructions for the art work. The Advisor DrK R Maalathi addressed the students from TBIS towards the end to inform them about the next virtual session to be held soon, which will focus upon Space & Technology.



## YOUTH PARLIAMENT



Master Darsh Jha, Master Kaushik, Master Harish Raghav and Master Syed Rehan, were the four students from the senior and secondary classes represented SRMPS at The Youth Parliament held by Maharaja Sawai Mansingh Vidhyalaya at Jaipur. The students spoke on burning topics like Censorship of the Digital Media, Should India move to a Presidential form of government? Are Govt agencies being used as political vendetta? and Ecology Vs Economic Development. Their presentations were highly commended by the organizers.

## ADOLESCENT LIFE SKILLS LEADERSHIP PROGRAMME



The first session of the "CBSE Adolescent Life Skills Leadership Programme, a CBSE initiative for the Well Being of the Adolescents, was conducted today (05.08.23) for the students of grade 6 to 12. The peer educators of the school were handpicked from Grades 10, 11 & 12 to undergo training from CBSE and the school counselor. This programme will be conducted as regular weekly sessions for the next 8 weeks.

## INDEPENDENCE DAY



The 77th Independence Day celebrations were soaked in the colours of patriotism and unity. The event was graced by the presence of the correspondent Mr M Subramanian as the chief guest. In his address to the staff, students and the parents, the chief guest spoke about nationalism, the duties of the young students towards their motherland and the need to imbibe the value of self discipline. He called upon the students to understand the meaning of freedom and use it responsibly. The celebrations included an energetic speech in Tamil, a dogri patriotic song, a multilingual song, a play showcasing India's unity in spite of its diversity and a musical rendition of Rabindra Nath Tagore's poem 'Where the mind is without fear'.



## DRESS UP DAY



Thematic dress up days are fun ways to celebrate learning at school. "Dress up Day" encouraged our happy tots of UKG to appreciate all of the people in their community who work to keep them safe, healthy, well-fed, and educated. They came dressed as doctor, soldier, mechanic, sweeper, vegetable & fruit vendor, pilot, postman, engineer, milkman, policeman, teacher, farmer etc. Children got an opportunity to speak in front of their own classmates which boosted their confidence level.



## STEM ACTIVITY



STEM is an educational approach that combines the disciplines of Science, Technology, Engineering and Math. Stem activity encourages curiosity, increases innovative thinking, inspires creativity, cooperation and team work. Happy tots of UKG built a house of their choice with the help of their teachers to develop real life skills. This well planned activity provided children with an array of learning experiences.



## BLUE DAY



Our world is full of colours. Sky is blue and ocean is also in blue. Blue is the colour of loyalty, strength, wisdom and trust. To celebrate 'Blue colour' happy tots of SRMPS and teachers were dressed in different shades of blue. The courtyard was set up with umpteen displays like avatar, an island, waterfall, a shell shop, sweet stall and a flower bouquet shop e.t.c. Children were taken to courtyard to explore the beautiful setup. Different group activities and individual activities were done to reinforce the colour blue. It was an excellent learning experience with long lasting memories.



## ONAM



Onam is a famous harvest festival celebrated in Kerala. Our SRMPS Kindergarten kids celebrated the Onam festival with great zeal. They came in traditional attire, watched the story behind Onam and enjoyed the pookolam(flower rangoli) decorations. The Senior tots did group activity by decorating Onam elephant using pasta,paper crumpling and colour papers



## GANESH CHATURTHI



Ganesh Chaturthi was celebrated amidst much fervour and devotion, by the students of SRMPS. The students of UKG, Grades 1 & 2 presented songs, dances and stories from Lord Ganesha's life, while the students of grade 3 & 4 sang Ganesha Stothram during the puja performed at school. All the other classes visited the Lord's idol and sang devotional songs in praise of the lord of wisdom.

## FOOD WE EAT



Breakfast is the most important meal of the day. Happy tots of LKG performed few activities to reinforce the concept 'Food we eat'. They learnt about healthy breakfast, prepared fruit and vegetable salads and practiced fireless cooking by making sandwiches with jam and butter. All these activities integrated fun learning with life skills.



## ANNUAL DAY



The Annual Day of the SRM Public School was celebrated on August 26, 2023 amidst much grandeur and fanfare at the TP Ganesan Hall, SRMIST . The Chief Guest was Mrs Rehana Ameer, Independent Commons Councillor, City of London Corporation and Serial Entrepreneur. The Guest of Honour was Mr Sultan Ahmed Ismail, Member of State Planning Commission, Government of TamilNadu, Academician and Environmentalist. Other dignitaries present were the President of the school management, Dr P Sathyanarayanan, the director Mrs Manimangai Sathyanarayanan, the correspondent Mr.M.Subramanian and the Advisor, Dr.K.R Maalathi. The toppers of Grades X & XII board exams, were awarded medals along with three teachers who were honoured for producing centum scores in their subjects. The staff members who had completed 5 years of dedicated service in the school were recognised and appreciated.

The evening culminated with the cultural events that centered around the theme of Geo Re-engineering which was tastefully presented through a musical dance drama.



## CO SCHOLASTIC ACTIVITY



Be the change you wish to see in the world. As a part of Co scholastic activity held on 22.09.2023, the tiny hands of grades 1 & 2 enthusiastically made umpteen creative and eco-friendly representation of Lord Ganesh. They brought eco friendly sustainable materials of their own choice like leaves, vegetables, fruits, homemade dough, etc.. and turned them into a blissful Ganesh idols.

## CIALFO



A career planning session was held by CIALFO, for the parents of grade 12 along with the students to discuss diverse courses available in different Indian Universities. The resource Ms Priti from CIALFO introduced the parents to the log in process and how to search for universities offering courses of their choice. This was a teaser session to the upcoming session where University representatives from various reputed universities from all over India would visit SRMPS campus to guide students to make the right choice for a bright future.



## SPACE KIDZ



A session on Space Education was held for the students of grade 8 and 9 with the team members of 'Space Kidz' on September 21, 2023 at the Eswari Hall of SRMPS. The team shared their experiences in the field of space and the path that led to their achievements. They also shared a video of their work. They guided the students by informing them of the various branches of education involved in space research and how they can pursue it. They ended the session by answering the questions/ doubts posed by the students. The Correspondent, Mr M Subramanian, the Advisor Dr K R Maalathi and the Principal Mrs S Bhuvaneshwari shared the stage with the resource persons from Space Kidz. While the Correspondent encouraged students to participate in such enriching programmes, the Advisor informed the students that soon the school will launch a joint program in collaboration with Space Kidz for which students will be selected based on a written test.



## FIELD TRIP - FARM HOUSE



A Field trip was organized for Pre.KG, LKG and UKG children to a Farm house in Nellikuppam Road. Field trip enhanced classroom learning by making real world connections. Children viewed different types of plants, flower garden, cows, cow shed, hens, coop and ducks. They also witnessed milking of cow. They understood plants and trees protect our environment and give us fresh air to live. Children came back with happy memories.



## FIELD TRIP - VANDALUR ZOO



"The more we learn about animals , the more we realise how interconnected our lives are" The trip to Vandalur zoo was an educational journey, providing a holistic learning experience combined with fun and adventure for grades 3 and 4. Students had a great opportunity to gain deeper understanding about the importance of wildlife and they were excited to view them closer. The trip will be in the memories of students for years to come.



## FIELD TRIP - FARM HOUSE



It is just combining education with fun and it was organized for Grades 1 and 2 children to a farm house in Nellikuppam Road. Children were excited to see and feel different types of plants, flowers, farm animals and interacted with the helpers who take care of the farm. They also learnt the importance of flora and fauna to lead a pleasant life on land. Children came back with cherishing memories and they penned up their pleasant experiences beautifully in their artful language.



## HALF YEARLY CAMP - S & G



More than 300 students belonging to the Scouts & Guides and Cubs & Bulbuls wing of SRMPS, left for the half yearly camp for 2 days with a 1 night stay at the L N Sharma campsite, Sholinganallur on 15.09.2023. The students, who range from grades 3 to 10 will be engaged in a number of outdoor learning activities, study sessions, games and a campfire over the two days. This will also be an occasion to pick up a number of life skills like staying away from home, being independent, taking care of oneself and one's own belongings etc.

## CAPACITY BUILDING PROGRAMME



As a part of its regular capacity building programme, the SRM Public School organised a one day workshop in using the art of story telling as an effective tool for teaching practices. The resource person Mrs. Srividhya Veeraraghavan is a proclaimed trainer and story teller who was publicly recognised by even the Prime Minister of India in one of his episodes of Man Ki Baat. The teachers of primary and middle school, enjoyed the day long workshop as they learnt many tips of how to create stories, narrate stories and teach concepts at various age levels through stories.



## TAMIL MANDRAM



The recitation competition held by Tamil Mandram on 8.09.2023 for the students of classes 1 to 9 saw an enthusiastic participation of nearly 544 students . The topics were Athichudi, Thirukurral , Kondrai Venthan, Moodhurai , Nalvazhi. The competition was judged by teachers from the Tamil department.



## TEACHERS' DAY



Teachers' Day was celebrated on September 09, 2023. The teachers attended a guest lecture with Mr Naveen Mahesh, the co-founder of Beyond 8 and Managing Trustee of India's first Ashoka Changemaker school, Headstart Learning Centre. He inspired the teachers to re imagine education and to celebrate the uniqueness of each child. The Correspondent, Mr M Subramanian and the advisor Dr KR Maalathi were also present at the occasion. After the guest lecture the members of the staff who had made significant achievements in academics and sports were recognised and honoured by the management of the school.

## KANCHI CLUSTER



The Kanchi Cluster and SRM public school had the inaugural function of the Inter School Sports Meet 2023-24 at the SRMIST Grounds on the 8th of September, 2023. The Chief Guest for the sports meet was Mr M. Subramanian, the correspondent of SRM Public School while the Guest of Honour was Dr. R. Mohana Krishnan, Director of Sports, SRMIST. More than 40 schools are participating in this meet which is scheduled for three days.

## MESSY KITCHEN



A messy kitchen is a sign of happiness. The students of Grade 1 made the classroom a safe kitchen by making scrumptious fireless recipes with the rich ingredients like creativity and presentation. It was a treat for our tummies as well as a feast for our eyes.



## GANDHI JAYANTHI



The birthday of the Father of the Nation, Mahatma Gandhi, was celebrated on the eve of Gandhi Jayanthi, by paying a special homage to the great leader. The Principal, Mrs S Bhuvaneshwari addressed the students as she highlighted his contributions towards the freedom struggle and the relevance of his ideals of Sathya and Ahimsa in the present turbulent times. The students spoke about various virtues that they learn from the Mahatma's life and promised to emulate his ideals, especially to practice 'Ahimsa' in their day to day life. The students offered floral tributes to Mahatma Gandhi 's portrait as they left the hall in a prayerful mood.



# Awards & Achievements...



Congratulations to Master.Sarvesh for securing Yellow Belt in the Karate competition organised by Shrirasagi Martial Arts Association on 27th August 2023.



Heartiest congratulations to Ms Vidula S for winning the second position in Olympiad Anniversary Chess Tournament 2023



Congratulations to Ms. Githisha.M of UKG G Section for winning the 3rd Prize in the Under 7 Girls category in the Olympiad Anniversary Chess Tournament - 2023, Organised by Chengalpattu District Chess Association on 6th August 2023



Heartiest congratulations to Ms. Poovizhi of Grade IV "H" section for winning 1st prize in the 3rd Inter District Yogasana championship 2023-24 organised by Chengalpattu District Yoga Sana Association on 13th August 2023.

# Awards & Achievements...



Congratulations to Ms Srinidhi for securing 3rd place in 1st Sub junior Karate Championship organised by the traditional and sports Karate Association -Tamilnadu



Heartiest congratulations to Ms Nakshathra for standing 3rd in the South Zone Open Roller Skating Championships 2023.



Students of SRMPS rocked at the recently concluded event in "Founder's Birthday Trophy 2023" organised by Directorate of Sports at SRM Institute of Science and Technology on 26.8.2023. A contingent of 26 students participated in various athletic events. The school won 26 Gold medals, 17 silver medal and 14 Bronze medals in events such as 100m, 200 m,400m, 800m, Relay, shotput, long Jump and Discus throw. Heartiest Congratulations to all the winner



# Awards & Achievements...



Heartiest Congratulations to H. Logeshwari for securing first place in the world photography day Contest 2023 organised by Genius Punnagai in July 2023.



Heartiest congratulations to Ms. Kaviya Shree. Y Grade 5 section E for winning “Super Champion” Award in the 6th National Level Competition held on August 6th August 2023 organised by Time Abacus Fest 2023.



Heartiest congratulations to Master A. Jarin Raj for winning 6th place in “Mini Marathon” for men in the event “Founder’s Birthday Trophy 2023” organised by Directorate of Sports (SRM Institute of Science and Technology on 19th August 2023.



Heartiest congratulations to Master G. Pranav Krishna for winning 7th place in Mini Marathon for men in the event Founder’s Birthday Trophy 2023” organised by Directorate of Sports (SRM Institute of Science and Technology on 19th August 2023.



# Awards & Achievements...



Heartiest congratulations to Ms. G.S. Ragasiya for winning First place and cash prize of Rs.3000 /- in Mini Marathon” in the event “Founder’s Birthday Trophy 2023” organised by Directorate of Sports (SRM Institute of Science and Technology on 19th August 2023.



Heartiest Congratulations to Miss N. Pranathi of Class V for being awarded for Best Performance in the “Kids Punnagai” colouring contest organised by VBH Publishers.



Heartiest congratulations to Master.Jayden Leon Victor for winning 1st prize in the State level open silambam championship 2023 organised by JJ. Martial Arts Academy.



Heartiest congratulations to Master A. Vidhun for winning 3rd position in State level silambam championship 2023 organised by Stickman Silambam Training Academy.

# Awards & Achievements...



Congratulations to Master V. Krithikesh for securing 3rd place in 1st Sub Junior Karate Championship 2023 organised by Traditional and Sports Karate Association, Tamilnadu.



Heartiest Congratulations to Selvi A. Sahana for being rewarded the yellow belt in Silambam in the Silambam Competition 2023 organised by Sri Nandhivaraman Silambatta kalari kazhagam.



Congratulations to Ms.Sansithaa for securing 8th KYU Orange Belt in the Karate competition organised by Shuhari Karate Association of India on 13th August 2023.



Heartiest congratulations to Ms. Kayalvizhi of Grade IX "A" section for winning 1st prize in the 3rd Inter District Yogasana championship 2023-24 organised by Chengalpattu District Yoga Sana Association on 13th August 2023.



# Awards & Achievements...



"Panama ...here we come!" says the proud team from SRMPS comprising of Saaranish Singhania, Janavarshan represented the school at the National Level of World Robot Olympiad. Their project 'Where the Future Sets Sail' was adjudged the winner of the young innovators category, clinching the coveted qualification of representing their country and their school, abroad. Way to go boys..we are proud of you.



# Awards & Achievements...



"Art is not just a way to express yourself, but also a way to connect with others" SRMPS students participated in canvas, art festival, inter school performing art competition conducted by Babaji vidhyashram school. Dance competition participants of our school proved that it is an art that requires discipline, hard work and passion. We congratulate Sibani Shree, Vetrivel, Sriya Anand, Nakshathra, Avanthika Manisha, Akshaya, Sai Manthira, Rajshree, Sahana of class 11 and Harinee, Hariharan, Apoorva of class 9 for winning the second prize in Western and Classical dance. Exceptional performance of our buddies has been recognised and also rewarded.



We are proud to inform that four members of the staff from SRM Public School were awarded by the Kanchi Cluster as a recognition and appreciation of their dedication towards the institution. We congratulate Mrs Jeyashree, Ms Yogashree, Mrs Jayapriya and Mr Muthazhagan for the award.



"Khelo India women's athletic league championship 2023" SRMPS inculcates a strong spirit of participation in sports that enables our students to demonstrate their true potential. Their tremendous potential has been showcased at a global platform khelo league and our students Akshaya.S and Hasini.K have won bronze medal in Discus throw and Long jump respectively. The training given in our school at the highest level is an important component for the success. We wish them to win many more such laurels and medals in future.

# Awards & Achievements...



We proudly congratulate T Sushant, Aadvik Parthasarathy, Thaneerila V, Nanditha Srr Sanapathi and Nikhil S N, who are all students of grade 5 at SRMPS, for being a part of the team of 160 students from Tamil Nadu, representing HIBM Abacus, who achieved a new world record by successfully solving over 16,000 mathematical sums using the Abacus methodology in just 5 minutes at Kalaivanar Arangam. This remarkable feat was officially registered in the Sigaram World Record on September 17, 2023

Going by the popular adage 'Cleanliness is next to Godliness' keeping their class rooms clean is a value that is taught and appreciated at SRMPS. The classes who qualified for this award for the month of September were awarded by the Principal today, during assembly.

# **Admissions open for the Academic Session 2023-24 (CBSE REGULAR STREAM & NIOS)**

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