



# SRM

PUBLIC SCHOOL

A SENIOR SECONDARY SCHOOL

**Educating Minds. Enriching Lives**



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## *From The Desk Of the* PRINCIPAL



How do you meet the demands of the changing minds of the Gen Z children? In this AI era, everything is subject to change. So are the entities of learning. The moment children step into SRMPS, they experience a sense of belonging and excitement. Renowned for its commitment to academic excellence and holistic education, SRMPS stands out as a beacon of learning in our community. Education transcends the classroom, fostering a strong sense of community and collaboration among students and teachers.

### **How is SRMPS different from other schools?**

Our children learn to discover real-world applications, which spark their creativity and develop 21st-century skills including media and technology literacy, productivity, social skills, communication, flexibility and initiative by working in our STEM lab. Our STEM lab promotes critical thinking, curiosity, persistence, decision-making, leadership, entrepreneurship, acceptance of failure and much more. Regardless of our students' career aspirations, these skill sets will go a long way in preparing them for their future.

Our students love the Robotics lab. Students learn how to design, construct, and program robots through hands on experiments, getting experience in putting their theoretical knowledge into practice. Furthermore, our labs provide an enhanced learning experience, allowing students to learn programming, engineering and design skills.

Our students will be the future change makers with their innovative ideas and strategies. From code to creation, they are exposed to a variety of competitions where they learn to explore, learn, design and present.

We have a beautiful campus, well-equipped classrooms, and resources like libraries and labs that enhance learning. We offer sports, performing arts, and clubs that encourage student engagement and personal growth. The kindness, dedication and subject expertise of our teachers inspire students to reach their full potential. We organize innumerable events that brings the community together, showcasing the spirit of our school and camaraderie.

SRMPS is not just an educational institution; it is a nurturing ground for future leaders. Therefore, we are trying to explore ceaselessly to reach the pinnacle of success by diversifying our education base to help our young minds acquire skills required to move towards inclusivity.

**Mrs. Vijayalakshmi Raja**

## THE POWER OF DREAMING

“I Have a Dream, a song to sing  
To help me cope, with anything”

As a little schoolgirl, when I learnt and sang this song, little did I understand what a Dream actually meant. In those days we slept soundly after getting tired of various physical activities, right from walking to school in the morning to playing endlessly, outdoors till late in the evening. (Hence, it was mostly a deep, dreamless slumber.)

During my teenage days, a dream meant fantasizing about a prince charming riding down on a white horse. As I stepped onto the threshold of youth, my dreams changed into wanting to take up a career, becoming someone successful and wealthy. At every succeeding stage however, my dreams became evanescent, like I myself did not know what I actually aspired for. Maybe I always believed that dreams had no power and were meant to wither away.

It was only during my college days that Abdul Kalam's words, “Dream is not that which you see while sleeping but that which does not let you sleep” introduced me to the magnitude of dreaming. Later it was while I was training my students for an oratory competition, that I realised the profoundness of what a Dream meant. As I listened to the speech of Martin Luther King Jr – the famous speech, “ I have a dream – a dream deeply rooted in the American dream of creating a society that rose above the shackles of racial segregation even after 100 years of signing the Emancipation Proclamation that abolished slavery in America”,. I suddenly felt that my Dreams seemed so small!

Again, as APJ Abdul Kalam said, “ Dream, Dream ,Dream. Because dreams transform into thoughts and thoughts result in action.”

Yes, it is important to dream. Dream about doing great things in your life, about pursuing your passion, following your ambition and doing what you love and loving what you do. Today with the array of opportunities that lie before you, choose wisely. Let the choice of what you wish to do in future lie in your hands. If you have researched enough and chalked out a clear path to follow your dreams, you can easily convince your parents that what you choose to do is the best choice.

Did you know that :-

Ray Kroc the founder of the famous fast food chain McDonald's sold paper cups and milkshake mixers until 52 years of age ?

J K Rowling, author of Harry Potter – the best-selling book series in history, which eventually became the best-selling movie series in history, was only a single mother who lived on welfare for 31 years of her life?

Harrison Ford the famous actor from Hollywood was a carpenter until 31 years of age?

If you want to etch your name among many more such well known personalities, believe in yourself. Never give up on what you dream of becoming. Life will not always be kind. No one gets served on a silver platter. Only when you toil and sweat, will the taste of success be sweet. Come what may, never quit dreaming .

In the words of Eleanor Roosevelt, “The future belongs to those who believe in the power of their dreams.”

Mrs. Vijayalakshmi Nagarajan  
Vice Principal (Academics)





## DAYLIGHT SAVING TIME

### Understanding Daylight Saving Time: Why do We Change the Clocks?

You might be familiar with the routine of setting your clock forward in spring and back in fall, but have you ever wondered why we do this? This practice, known as Daylight Saving Time (DST), aims to make better use of daylight and conserve energy. Let's break down what DST is, why it exists, and how it affects us.



Ms. Vyjayanthi S  
Secondary School Coordinator

### What is Daylight Saving Time?

Daylight Saving Time is the practice of adjusting the clocks forward by one hour in the spring and back by one hour in the fall. This shift is designed to move an hour of daylight from the morning to the evening. For example, when DST starts in spring, 2:00 AM becomes 3:00 AM, effectively giving us more daylight in the evening. In the fall, when DST ends, 2:00 AM returns to 1:00 AM, giving us more daylight in the morning.

### Why Do We Use DST?

The main goal of DST is to make better use of daylight during the longer days of summer. By shifting an hour of daylight to the evening, it helps people enjoy more daylight after work or school. The idea is that this can lead to energy savings, as people use less artificial lighting and heating in the evenings.

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## WAYANAD -THE JEWEL IN KERALA'S CROWN

Wayanad is the best place I have ever been to. Standing high as a hill in the God's own country Kerala, it has enormous number of large forests, spice plantations, and a variety of traditions. It is bordered by Karnataka on its east and by Tamil Nadu on its southeast. The beautiful forest and the wildlife sanctuary is the hometown for many wild animals, birds and insects. Chaliyar river flows there and makes the place wonderful and fertile.

But the recent landslide tragedy made everyone realise that Mother nature is not only a saviour for us. But can also teach us the values of life when we fail to look after our responsibilities as a human.



Ms. K. V. Sheela Kesavan  
Middle School Coordinator

## LEFT BRAIN

Podcasts have become one of the most dynamic and engaging forms of media in the present, providing a forum for people to share their stories, ideas, and passions with the world. Hence, our school has created something truly special: Left Brain, our very own podcast that brings the voices of students into the spotlight. Available on Spotify, Left Brain serves as a platform for students to engage in meaningful conversations about their interests, achievements, and personal journeys. With over 25 episodes available to date, more than 50 students from diverse backgrounds have had the opportunity to be featured on the show, sharing their unique perspectives and experiences. Our podcast is truly authentic, considering the fact that all episodes are scripted by the students themselves. It is definitely a podcast by the students, for the students. It is not just a show but a safe space where students can feel comfortable being themselves, sharing their ideas, and engaging in meaningful conversations. Whether discussing time management, sports, music, or personal journeys, Left Brain is a snippet of a student's life, that captures the essence of their schooling journey. The future of pod cast looks bright as we plan to cover even more topics and feature an even wider range of voices, thereby deepening the impact of the episodes for the students community especially.



Swetha Padmasini  
XI -E





## THE BEAUTY OF ENGLISH LANGUAGE

The English language is a universal tapestry woven from diverse threads of culture, its beauty leaving us speechless. However, many find it challenging to comprehend and communicate in this language. Learning English has become essential. Can we think of a job that does not require English? Or a place untouched by its influence? It's hard to imagine, reflecting the profound impact this language has had on people.

Whether native or non-native speakers, English has etched a permanent mark in our lives. Even those with limited education often use it effectively. Even many rag pickers understand a few English words. I have encountered people who are illiterates use common English words comfortably during conversations. Therefore, the influence of this language in our mother tongue is very evident and the language's beauty shines in countless forms of expression.

English is a linguistic chameleon, with roots in German, Latin, French, Hebrew, and more. This eclecticism has led to a globally accepted and influential language that connects people worldwide. The power of expression in English is particularly captivating. From the intricate poems and dramas of the demi-god Shakespeare to contemporary literature, English serves as a canvas for deep emotions and feelings.

The rhythmic quality and rhyming nature of English spark interest and evoke emotions, painting vivid pictures in the minds of readers and listeners. Poetic devices elevate mundane expressions into extraordinary experiences. An expansive vocabulary enhances our ability to articulate thoughts precisely, while grammar provides the structure that connects words and sentences.

The beauty of English is most evident in its literature. The works of countless authors showcase its versatility and depth, conveying complex emotions and timeless themes. Each piece invites readers into different worlds, fostering connection and understanding

Ultimately, the beauty of the English language lies in its ability to convey intricate emotions and connect people across cultures. Its versatility—whether through prose, poetry, or everyday conversation—continues to inspire and unite us. In our interconnected world, the enduring allure of English remains a powerful force in communication and expression.



Ms. Ajitha V  
HOD-English

## INSPIRATION DRAWN FROM MARLENE

Why is English so difficult to learn?

Examine the following

1. The band decided to *desert* the stage in the middle of the concert, leaving the audience in a *desert* of confusion.
  2. The dog's *bark* was loud enough to echo off the tree *bark*.
  3. The *seal* in the zoo clapped its flippers while the captain made sure to *seal* the envelope tightly.
  4. The *bass* player decided to *bass* fish by the river, not knowing whether the *wind* would *wind* around the trees or if a sudden *tear* would make her *tear* up
  5. The baby liked to *rock* in her chair while listening to soft *rock* music.
  6. The car thief was able to elude police, while the victim was only able to allude to the vehicle's last known location
  7. Before we make our way to the top of Mount Everest, we need to make sure our guide assents to our ascent.
  8. Grandfather has a hoard of old gold coins, and he likes to brag about them to a horde of people.
  9. I took a peek at the mountain peak that had piqued my interest yesterday.
  10. A person may have an insight into what incited a riot. I hope that these are exceptional and will cause you to ponder.
- Heteronyms are a special kind of homograph words that are spelt the same but have different meanings. Unlike other homographs, heteronyms have different pronunciations for their different meanings. The fact that the pronunciation changes based on the context makes them particularly intriguing.



Ms. Aparna Vaidyanathan  
English Teacher

## Pseudonym Or Pen name: Call it whatever you want...

S.No.	Writers (Real name)	Pseudonyms
1	Mary Ann Evans	George Eliot
2	J.K. Rowling	Robert Galbraith
3	Samuel Langhorn Clemens	Mark Twain
4	Anne Bronte	Acton Bell
5	Charlotte Bronte	Currer Bell
6	Emily Bronte	Ellis Bell
7	Charles Lamb	Elia
8	Daniel Foe	Daniel Defoe
9	H. H. Munro	Saki
10	Elisabetta Dami	Geronimo Stilton
11	Józef Teodor Konrad Korzeniowski	Joseph Conrad
12	Charles Lutwidge Dodgson	Lewis Carroll
13	Sidney Schechtel	Sidney Sheldon
14	Rabindranath Tagore	Bhanu Simha
15	Saratchandra Chatterjee	Anita Devi

A <sup>R</sup>pseudonym stands for a fictitious name used by an individual to mask their true identity. The word "**Pseudonym**" is derived from the Greek term "**pseudo**" meaning "false" and "**onoma**," meaning name, which literally means "bearing a false name." The practice of using a false name can be traced back to ancient Greece where playwrights would get sneaky with pen names. Pseudonyms or pen names were quite popular among authors. With pseudonyms, writers found the courage to speak the truth, freedom of expression. It was also a means of overcoming gender bias and dodging political persecution. It was meant to hide their identity initially. Later it became a trend. In French it is termed '**Non de plume**'. Here, is a list of some writers who have taken pseudonyms for their writings.

**If you became an author, what pen name would you assume? Think!**



Ms. Sindhuja . D.K  
English Teacher

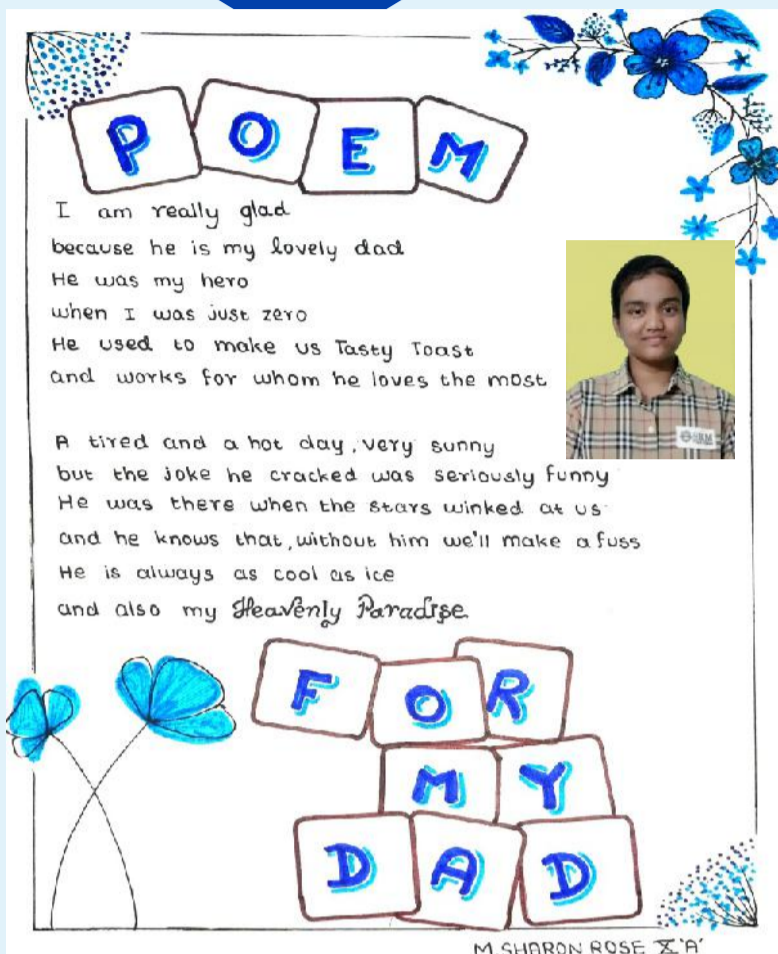


## THE FORGOTTEN CHILD

I am an Adivasi, outcast from your world,  
I live in hills and the wild,  
Whereas you live in cities and villages, crowded with might.  
I hunt to satiate my hunger  
While you say you are against himsa—against all animals  
(including humans).  
Untouchables to your "civilized" gaze,  
For centuries, we wandered, cast in a daze.  
Did we share a bond before the invader came?  
When you, our oppressors, ruled us with shame?  
But now the tables have turned in this fight,  
Our goals the same—freedom for this land,  
Our mother, shining and bright.  
We are both her children, though our paths may differ,  
You write of peace, but my heart beats quicker.



Arunthathi  
XII-D



## OUR TRIP TO PANAMA

Our trip to Panama was an unforgettable adventure, a journey that will forever be etched in our memories. We qualified for the World Robotics Olympiad after securing first place at the national level, a testament to our team's dedication and hard work. The journey to Panama was a long one, but it was filled with excitement and anticipation. With stops in Mumbai and Amsterdam, we had the opportunity to explore these bustling international hubs. Wandering through the vibrant airports, we were captivated by the diverse cultures and the bustling energy that filled the air. Once we arrived in Panama, we were immediately struck by the country's stunning beauty. The lush rainforests, pristine beaches, and vibrant cities created a truly enchanting atmosphere. One of the highlights of our trip was witnessing the Panama Canal, a marvel of engineering that connects the Atlantic and Pacific Oceans. Watching massive ships pass through the locks was a truly awe-inspiring sight. The World Robotics Olympiad itself was an extraordinary experience, a gathering of the brightest young minds from around the globe. Competing against such talented teams pushed us to our limits and helped us grow as individuals and as a team. Although we finished in 12th place, the entire adventure was a resounding success. The friendships we formed, the knowledge we gained, and the unforgettable memories we created will stay with us for years to come. Our trip to Panama was more than just a competition; it was a transformative experience that has shaped who we are today.



Jhanavarshan  
IX-A

## MY ROLE MODEL: NEERJA BHANOT

In this chaotic and uncertainty-filled world, some persons shine out like beacons, creating a great path, boldness, compassion, and strength. Neerja Bhanot is such a courageous flight attendant who has made way for the myriad hopes and aspirations that people deliver. Her incredible journey was capped by an unexpected gallantry award which she received posthumously. The story of selflessness and valor she epitomizes brings tears of pride and happiness. Neerja taught me lessons that are unforgettable, and based on the events that happened during the hijacking of Pan Am Flight 73 in 1986. Many things she did were bold and daring with danger being the last thing in her mind. Neerja's life taught me a valuable lesson: "That courage is essential when faced with challenges or danger". On September 5, 1986, when armed terrorists hijacked her flight, Neerja found herself in a harrowing situation. It never crossed her mind to run away in fear but instead find time to calm down while the danger around her escalated. Her instinct was to protect the people she was supposed to take care of. Toughness and Resilience One power full leason that can be drawn from her life is the concept of determination. When horrific circumstances stared her in the face, she did not succumb to despair. She instead zeroed in on what needed to be done. She has been able to remain composed and to take actions that seem sensible. The resilience gained here can be seamlessly integrated into daily life. Leadership in Crisis



Neerja exemplified extraordinary leadership at one of the most critical times of her life. Amidst making life unbearably pivotal, it was then that she emerged as a leader, taking control and guiding passengers to coordinate efforts to escape. This comes out as an innate aspect of leading with elegance and aplomb amidst chaos-an attribute that I relish deep within myself and yearn to instill in myself.

### Legacy Impact

Neerja Bhanot's end was tragic, yet her legacy transcends her tragic end. Tens of thousands have been inspired by her story; she remains a living testament of the impact one can make in this world. The values she espoused are timeless: courage, selflessness, resilience, and leadership. Her life calls upon us to think of the legacies we wish to leave behind.

It makes me want to live a life honoring the values Neerja stood for: striving to make meaningful contributions, standing up for what is right, and supporting those who need your assistance. I have learned that no matter how small one's actions seem, they can create ripples of change in communities.



Sharvika  
IX-E

### HOPE....

I have not seen you,  
I have not touched you,  
Only I have listened to your voice;  
Inside my heart as my heartbeat...  
The words I came to say,  
The song I came to sing,  
Everything said and sung by you...  
As per my wish in my heart.  
I have invited you to my house,  
I have lit my heart and soul,  
O Lord! I hope of meeting you;



Ms. flora  
Primary Teacher

### CONSTRUCTING BLACK OUT AS WELL AS ACROSTIC POETRY



Students of grade IX unleashed their potential and experimented with their creative skills in constructing black out as well as acrostic poetry. They tried their hands at both and brought out some of the appreciated works. It was a fun filled activity loved by the children.

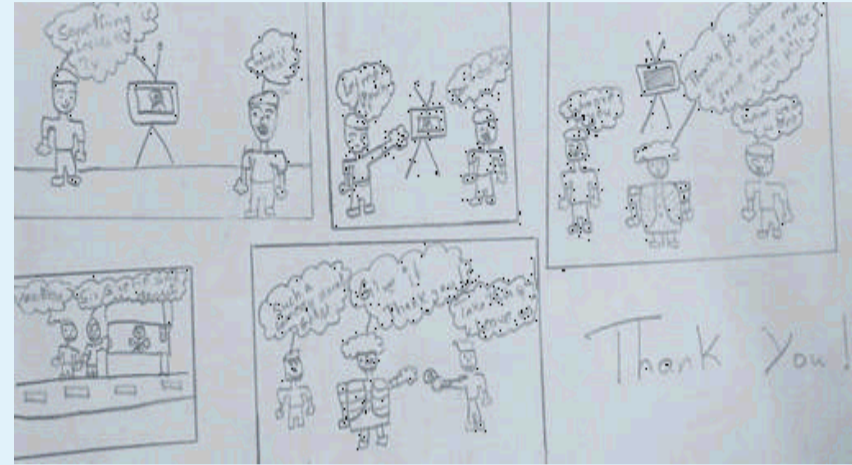




Comic-Strip  
Activity [Spooky story]

**Grade VIII – Comic strip creation (spooky story)**

Students of grade VIII participated in the comic strip creation activity enthusiastically. They ransacked their memory of stories and brought out a new comic strip in a new avatar. This activity helped them in unravelling their knowledge and usage of language. Their excitement knew no bounds when they saw the final output of their work.



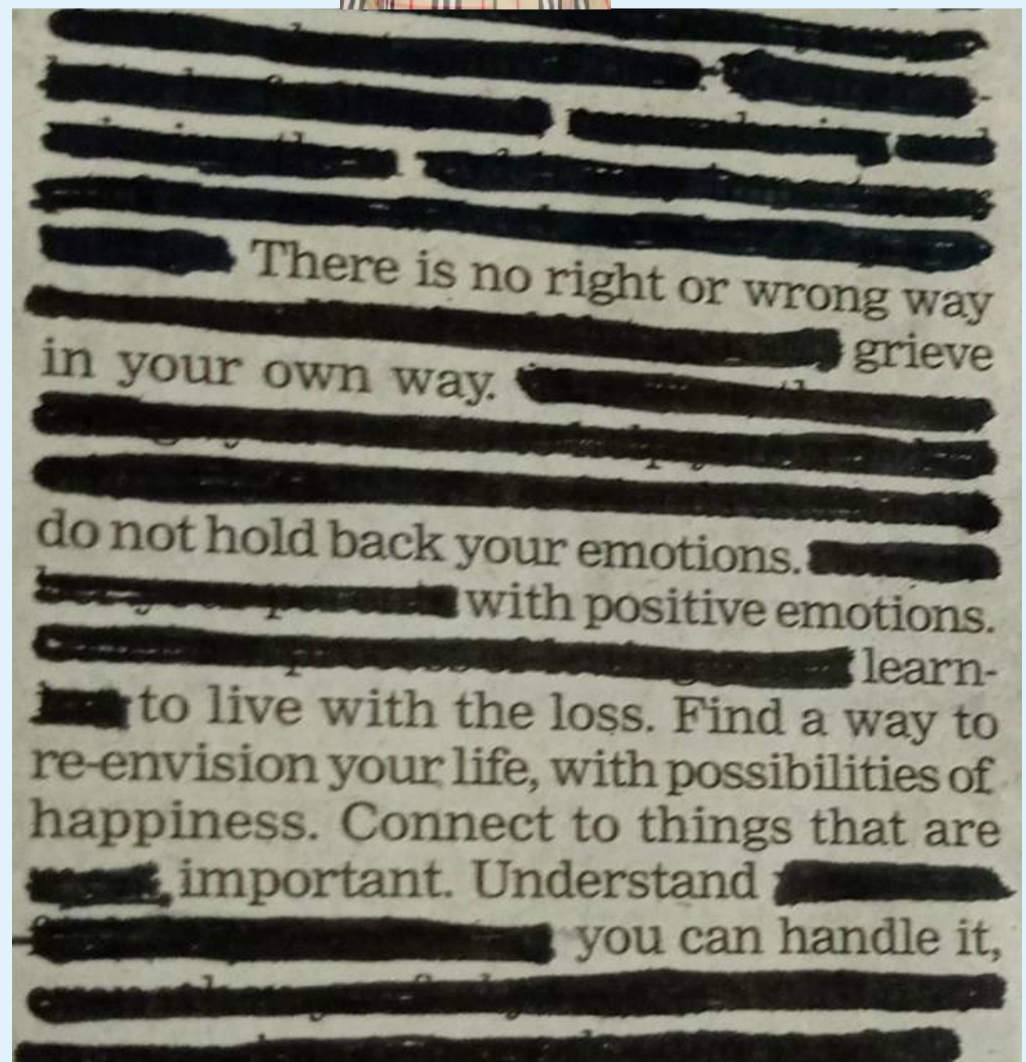
**BLACKOUT POETRY OR ACROSTIC POETRY**



Nivan Maghizhan  
IX B



Kalluri Niharika  
IX D



**WHISPERS OF FRIENDSHIP**

In quiet times, when none can hear,  
A friend's soft touch will draw you near.  
No words are needed, just a glance,  
A silent bond, a second chance.  
When the entire world seems far away,  
A friend's light guides you through the grey

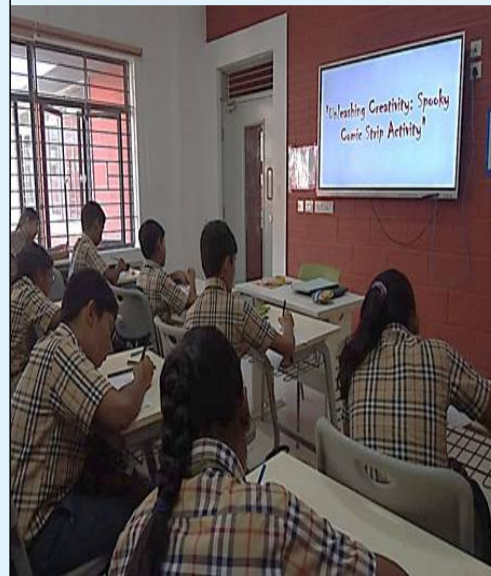


K. Krithvick  
VI-F





**"UNLEASHING CREATIVITY: SPOOKY COMIC STRIP ACTIVITY"**



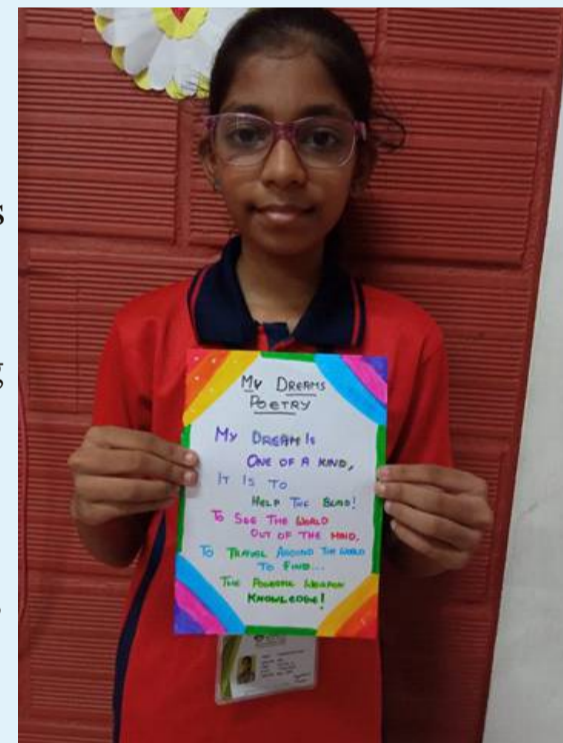
The students were assigned a fun and creative activity to make a comic strip based on a spooky theme. This activity was designed to encourage their imagination and storytelling skills, allowing them to combine both art and writing. Through this, students practiced their ability to visually express emotions and suspense, key elements in any spooky story. This exercise encouraged creative thinking and improved their ability to sequence events logically, crucial in comic storytelling.



Antonella Amalin Prince  
IX C

**POETRY WRITING ACTIVITY: MY DREAMS**

To encourage creativity and self-expression, a poetry writing activity on "My Dreams" was conducted for the students. The activity aimed to help students reflect on their aspirations and express their thoughts in poetic form. By writing poems, students enhanced their vocabulary, creativity, and critical thinking. They also learned the importance of setting personal goals and having a clear vision for the future. Sharing their poems with classmates fostered collaboration and respect for different perspectives. This activity not only improved their writing skills but also inspired students to take steps towards achieving their dreams with confidence.



**"SPEAK YOUR MIND: A 2-MINUTE CHALLENGE"**



For the speaking activity, students will be given a specific topic and five minutes to prepare a speech. The speech should be between 2 to 3 minutes long. This activity aims to enhance their communication skills, confidence, and ability to think quickly. Students are encouraged to structure their speech with a clear introduction, body, and conclusion. They should use simple language and express their thoughts clearly. The focus is on fluency, pronunciation, and maintaining eye contact. This exercise also helps in developing public speaking skills and boosts self-esteem. It's an opportunity for them to practice organizing ideas and presenting them effectively.

**"ALPHABET RAPID FIRE CHALLENGE"**



The activity is a fun, rapid-fire game designed to boost quick thinking and vocabulary. Two students will come in front of the class. One student will ask 10 questions, and all the answers must start with a specific letter. For example, if the letter is 'A', all the answers should begin with 'A'. If the letter is 'B', all answers should start with 'B'. The student who answers first gets a point for each correct answer. This activity encourages active listening, quick recall, and enhances vocabulary.



## VOCABULARY BUILDING ACTIVITY: WORD CHART



In this activity, students created a chart to identify and understand difficult words from the lesson. The purpose was to improve their vocabulary by finding challenging words, writing them down, and researching their meanings. This task helped students enhance their language skills and comprehension. By organizing the words and their meanings in a chart, they developed clarity in understanding the text.

## “WORD OF THE DAY ACTIVITY”



Every day, a student introduces a new word, along with its meaning and usage, to the class. The student writes the word on a piece of chart paper, displays it to the class, and explains how it can be used in sentences. This activity is designed to enhance vocabulary and communication skills, encouraging students to explore and learn new words. It also fosters public speaking and confidence as each student takes turns presenting. By engaging in this daily practice, students improve their language proficiency and broaden their understanding of words in context.

## GROUP POETRY AND ART ACTIVITY: THE SHED

As part of our poetry lesson on “The Shed,” students participated in a group activity where pairs of students collaborated to write poetic lines and create a drawing inspired by the poem. The goal was to help students better understand the poem's themes while developing teamwork skills. By working together, students explored the meaning behind the poem, discussed its key ideas, and expressed their thoughts both through writing and art. The combination of poetry and drawing allowed students to creatively interpret and explain the poem's message.



### A MOTHER'S LOVE

Two paths before me softly lie,  
One bathed in light, one shadowed dim,  
And there she stood, her hand in mine,  
Her love-a beacon, constant hymn.

Her voice, like music from the spheres,  
Carried me through the darkest cold.  
With each soft word, she calmed my fears,  
A flame that never would grow old.

I gazed upon the roads we'd trod,  
Her steps like whispers in the breeze,  
Each choice she made, a gift from God,  
Each sacrifice, her silent plea.

And now the path is mine to tread,  
Her echoes deep within my soul,  
For in her heart, I've always read,  
A mother's love that makes me whole.

Though I may walk this path alone,  
Her wisdom guides my every stride,  
Her strength, a seed within me sown,  
In love's embrace, forever tied.

Anshul Nitin  
XI -C



### OVER THE MOON

Despite the abundant fascination that students hold towards space, actual contribution to the future of space science is an extremely rare sight. 25 proud students of SRMPS, from grades 6 to 11, were selected for this opportunity, and after months of toil, were taken to see their payload SR0 DEMOSAT launch off and bid farewell to at enroute to its otherworldly journey. The program lasted around 8 months and explored various facets of satellite design-be it mechanics, which I am most interested in, coding or astronomy. Every student selected had a unique experience and takeaway that reflected their own interests. It was an extremely eye-opening experience for all of us and opened up many doors for us. The more opportunities you seize, the farther you will advance. Opportunity knocks only once, so keep your eye on the peephole....



Darsh Jha  
XII -A



தமிழென்று சங்கே முழங்கு“

தமிழன்னைையைச் சிரம் தாழ்த்தி வணங்குகிறேன். தமிழ்த்துறை செங்கல்பட்டு மாவட்டத்தில் கூடுவாஞ்சேரியில் அமைந்துள்ள எழில்மிகு வளாகமாகத் திகழ்கிற எஸ். ஆர். எம் கல்விக்குழுமத்தின் ஓர் அங்கமான எஸ்.ஆர்.எம்.பொது பள்ளி நடுவண் இடைநிலைக் கல்வி வாரியம் (CBSE) இந்நிறுவனம் 2017 ஆம் ஆண்டு முதல் இயங்கி வருகிறது. தேசிய திறந்தநிலை பள்ளி நிறுவனம் (NIOS) என்றழைக்கப்படும் தொலைதூர கல்வி வாரியமும் இப்பள்ளியில் இயங்கி வருகிறது. நம் பள்ளியில் வகுப்பு 1 முதல் வகுப்பு 10 வரை தமிழ் வகுப்புகளான இரண்டாம் மொழியிலும், மூன்றாம் மொழியிலும் பயிற்றுவிக்கப்படுகின்றது. இன்றைய நவீன சூழலில் கல்வி பயிலும் மாணவச் செல்வங்களின் தேவைகளை உணர்ந்து அவர்களின் பன்முக ஆற்றல்களான பேசுதல், வரைதல், வண்ணமிடுதல்பாடுதல், எழுதுதல், படித்தல், உணர்தல், கதைகளைக் கூறுதல், கற்பனைத் திறன் வளர்ப்பதில் இப்பள்ளி பெரிய அளவில் உறுதுணைப்புரிகின்றது. சிறுசிறு பயிற்சிகளின் மூலமாக வாழ்க்கைக்கான ஒழுங்கு முறைகளும், நீதிகளும் உணர்த்தப்பட்டுள்ளன. அவரவர் வகுப்பிற்கேற்ற வகையில் இலக்கணப் பயிற்சிகளும் கற்பிக்கப்படுகின்றன. மாணவச்செல்வங்கள் நூல் பல கசடறக்கற்றுக் கல்வியில் மேம்பட இப்பள்ளி படிக்கல்லாக விளங்குகிறது. 21 ஆம் நூற்றாண்டின் திறன்களை மேம்படுத்தும் விதத்தில், பல்வேறு வகையான பயனுள்ள செயல்பாடுகளை உருவாக்குகிறது. இப்பள்ளியில் தமிழ்த்துறையின் செயல்பாடுகளானவையாக தமிழின் வளர்ச்சிக்கும், மாணவர்களின் முன்னேற்றத்திற்கும் வெகுசிறப்பான பங்களிப்பை நல்கி வருகின்றது. மாணவர்களின் திறன்களை மேம்படுத்தும்பொருட்டு ஆண்டுதோறும் பேச்சு, கவிதை, கட்டுரை, ஓவியம், நாடகம், பாட்டு, பட்டிமன்றம், மனனம், ஓவியம், வில்லுப்பாட்டு, மாறுவேடம், சித்திரைத் திருவிழா, பொங்கல் விழா, பாரதியார் பிறந்த நாள் விழா, பாரதியார் நினைவு நாள் விழா, காமராசர் பிறந்த நாள் விழா எனப் பல்வேறு கலை இலக்கியப் போட்டிகள் நடத்தி ஊக்கப்படுத்துவதோடு, வெற்றிபெறும் மாணவர்களுக்குச் சான்றிதழ்களை வழங்கிச் சிறப்பித்து வருகின்றது. அதுமட்டுமின்றி, ஆண்டுதோறும் மிகச்சிறந்த ஆளுமைகளை வளர்ப்பதற்கு தமிழ் மன்றம் மூலம் சிறப்பு விருந்தினர்களை வரவழைத்து நிகழ்ச்சிகள் நடத்தப்பெற்று, அதன்மூலம் மாணவர்கள் தங்கள் ஆளுமைத் திறன்களை மென்மேலும் வளர்த்துக்கொள்ள உறுதுணையாகச் செயல்பட்டு வருகின்றது. தமிழ்த்துறை சார்ந்த தேர்வுகளிலும், தொலைக்காட்சி போன்ற பல்வேறு போட்டிகளிலும் மாணவர்கள் பங்கேற்று, கல்வி கலைத்திறன். கற்பனை வளம்பெற ஆசிரியர்கள் ஆலோசனைகளை வழங்கிவரும் துறையாகத் தமிழ்த்துறை இயங்கி வருகின்றது. இச்செயல்களால் மாணவர்கள் எளிதாகத் தேர்ச்சிபெற்று பல்வேறு கலைகளிலும், கல்வியிலும், கற்பனை திறன் வளர்த்து வாழ்வில் பல வெற்றிகளை அடைந்துள்ளனர். மேலும் கல்வி மட்டுமில்லாமல் கலைகளை வளர்க்க பல பயிற்சிகளைக் கற்றுக் கொடுத்து, மாணவர்களுக்கு

ஆசிரியர்கள் வழிகாட்டி வருகின்றனர். மாதந்தோறும் தமிழ்த்துறை பலகையில் அந்த மாதத்தில் நிகழும் விழாக்களைப் பட்டியலிட்டு அதன் வழிமுறைகளையும் வரலாற்று செய்திகளையும் தமிழ்த்துறை ஆசிரியர்கள் பதிவிடுவார்கள். பாடத்திட்டம் முறையாகப் பகிர்ந்தளிக்கப்பட்டு, வினாவங்கி, வினா அமைப்பு, விடைக்குறிப்புகள், வகுப்புத்தேர்வுகள் ஆகியவை தயாரிக்கப்பட்டு, மாணவர்களுக்கு வழங்கி அலகுத்தேர்விலும், பருவத்தேர்விலும் வெற்றிபெற உதவி வருகின்றது. தேர்ச்சிபெறாத மாணவர்களுக்குச் சிறப்பு வகுப்பு நடத்தி, தேர்வை எளிதாக எதிர்கொள்ளும் வழிகாட்டுதல்கள் மேற்கொள்ளப்பட்டு வருகின்றது. மாணவர்களின் பல்வேறு திறன்களை மேம்படுத்தி அவர்களை முன்னேற்றுகின்றனர்.

நோக்கம்

- தாய்மொழியான தமிழ்மொழியின் பெருமையினையும், சிறப்பினையும் மாணவர்களுக்கு உணர்த்துதல்.
- தமிழிலக்கியத்தில் படைப்பாற்றல் மிக்க மாணவர்களை ஊக்குவித்து உருவாக்குதல்.
- மொழிப்பற்றும், நாட்டுப்பற்றும் மிக்கவர்களாக மாணவர்களை வளர்த்தெடுத்தல்.
- அனைவரும் தமிழ் மொழி அறிவை உணர்ந்து தமிழ்ப்பற்றினை வளர்த்தல்.
- பாட அறிமுகம் மூலமாக வாழ்க்கை மதிப்பு செயல்திட்டத்தை வழங்குகுதல்
- செயல்பாடுகள் மாணவர்களுக்குத் தமிழில் இலக்கணப் பிழையின்றி எழுதவும், படிக்கவும், பயிற்சி வழங்குதல்.
- குழுமனப்பான்மை, தனித்தன்மை, தலைமைப் பண்பு முதலிய பன்முக பண்புகளை வளர்த்தல்.

பல நாடுகள் நம் செம்மொழியை அங்கீகரித்து வருகின்றன. நம் தாயாகிய தமிழ் மொழி சிறக்கவும், அதன் புகழ் ஓங்கவும் நம் வாழ்வில் உயரவும், திறமைகள் வளரவும் முத்தமிழை அழகாகப் படித்து சிறப்பித்திடுவோம். வாழ்க தமிழ்! வளரக புகழ்!



திருமதி வி. இலட்சுமி  
(தமிழ்த்துறை HOD-Senior School)



## தமிழ்த்துறை இதழ்

அனைவருக்கும் இனிய வணக்கம்!

இனிமை கூட்டும் இன்பமொழி!  
இளமை காக்கும் அருமைமொழி!  
துன்பம் போக்கும் துடிப்புமொழி!  
நன்மை கொடுக்கும் நம் செம்மொழி! - இத்தகு  
பெருமைமிகு அமுத மொழியைப் போற்றி வணங்குகிறேன்.

நமதருமை தமிழ் மொழியானது பழமைக்கும் பழமையாய்  
இலக்கிய வளமுடையதாய் நிற்பதோடு, புதுமைக்கும்  
புதுமையாய் கருத்துச் செல்வம் நிறைந்ததாய் என்றும்  
இளமைப் பொலிவுடன் விளங்குகிறது.

இலக்கியமும், இலக்கணமும் கொண்டு காலத்தை வென்று  
பல்வேறு நூற்றாண்டுகள் கடந்து இன்றும் இனிமை  
குறையாமல் கற்போர் நெஞ்சத்தை நெகிழ்ச்சி செய்யும்  
அருந்தமிழ் சிறப்பினை, வார்த்தைகளால் சொல்ல இயலாது.

தோன்றி மறையும் மொழிகளுக்கிடையே, மிகப்  
பழங்காலத்திலேயே தோன்றி, செல்வாக்குடன் வளர்ந்து,  
இன்றளவும் வாழ்ந்து வளர்ந்து நிற்கின்றது நமது  
தமிழ்மொழி.

இயற்கையோடு இணைந்தது தமிழ் மொழி. அவ்வாறே  
இயற்கையோடு இணைந்து வாழ்ந்தவர்கள் நம்  
முன்னோர்கள்.

எனவே இயற்கைக்கும் நமக்கும் மிகுந்த தொடர்பு  
உண்டு. இதனை மறந்து நாம் நலமாக இருப்பதாக  
நினைக்கின்றோம். மறந்ததை, மறைகின்றதை  
நினைவூட்டும் விதமாக இதோ ஒரு சிறிய கவிதை.

இணைவோம் இயற்கையோடு!

இயற்கையோடு இணைந்து வாழ்!

இன்பம் பிறக்கும்!

நற்காற்றை சுவாசித்து பார்!

உடலில் பல நன்மைகள் நடக்கும்!

மழையை மகிழ்ந்து பார்!

தூன்பங்கள் கூட தூரமாய் சென்று மறையும்!

உதயமாகும் சூரியனை பார்!

உடலின் உன்னதம் புரிய தொடங்கும்!

நிலவை இரசித்து பார் - இரவில்

நீளுறக்கம் வரும்! மாசுநீக்கி சுவாசமளிக்கும்

மரங்களை வளர்த்து பார்! மானிட இனமே செழிக்கும்!

மலைகளை மகிழ்ச்சியுடன் கடந்து பார்!

மனம் மகிமை பெறும்! கடல் அலையிடம் பேசி பார்!

கவலைகள் மறக்கும்! தண்ணீரில் தாமரையைப் பார்!

தலை நிமிர்ந்து நிற்கும்! மகத்துவம் மிக்க மானிடனே!

இயற்கையோடு இணைந்து பார்!

ஆகவே இளமை என்பது இல்லாமல் போய்விடும்

இயற்கையை நேசி!

மனதை மயக்கும் மல்லிகைக்கு மணம்

வந்த மாயம் தான் என்ன?

கூவும் குயிலின் குரல் வளம் தான் என்னே!

எங்கு சென்று படித்தது இனிதாக கூவ!

இயற்கை இறைவனின் இனிய

பரிசு - நம்

முன்னோர் கொடுத்த, வாழ்வின்

முதன்மை பொக்கிஷம்!

இயற்கை உடலே - இன்றளவும் முதன்மை மருத்துவர்!

உடல் உணர்த்துவதைக் கேள்!

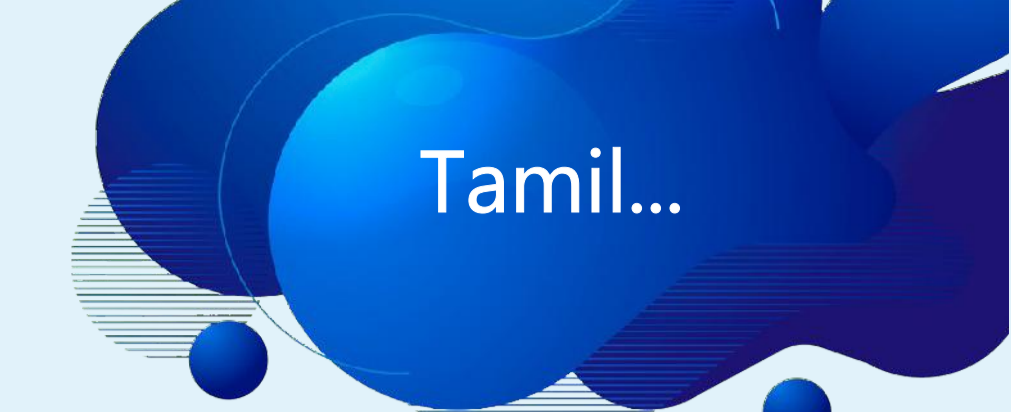
உபாதைகள் நம்மை நெருங்காது! - ஆகவே

இயற்கையை நேசித்து, இயற்கையோடிணைந்து,

இனிமையான வாழ்வினை என்றென்றும் பெறுவோம்!



திருமதி செ. கற்பகவள்ளி  
(தமிழ்த்துறை  
HOD-Primary and Middle School)



## கல்வி பற்றிய பழமொழி

கற்றவர்க்குச் சென்ற இடமெல்லாம் சிறப்பு  
என்பதற்கிணங்க  
கல்வி பற்றிய பழமொழிகளை வகுப்பறையில்  
செயல்பாடாக எழுதினர்.  
இதன் மூலம் மாணவர்களின் எழுதுதல் திறன்  
மேம்படும்.

- 0 கற்கையில் கசப்பு கற்றபின் இனிப்பு.
- 0 அறிவு தன் விலை அறியும்.
- 0 அறிவே ஆற்றல்.
- 0 அறிவில்லாத ஆர்வம் சுடரில்லாத நெருப்பு போன்றது.
- 0 ஐயமே அறிவின் திறவுகோல்.

திருமதி கல்பனா காந்தி.வெ  
(தமிழ்த்துறை)



## மழலையர் பாடல்



பள்ளி செல்லும் குழந்தைகளே  
பாடம் கற்க சென்றீரோ!  
எண்ணும் எழுத்தும் கற்றாலே  
ஏற்றம் உண்டு வாழ்விலே!  
ஒழுக்கம் பண்பும் இவ்விரண்டும்  
உயர்த்தும் உன்னை உலகிலே!

திருமதி துர்கா  
(தமிழ்த்துறை)



'தமிழுக்கு அமுதென்று பேர் அந்தத் தமிழ் இன்பத்  
தமிழ் எங்கள் உயிருக்கு நேர்' என்ற வரிகளுக்கு  
ஏற்ப எமது பள்ளி மாணவர்கள் தமிழில் பல  
செயல்பாடுகளையும், பல்வேறு திறகளையும்  
வெளிப்படுத்துகின்றனர்.

வகுப்பு ஆறு - 'உ' பிரிவு  
கணினியின் நண்பன் பாடத்திற்காக ரோபோவை  
செய்தனர். இப்பாடத்தின் மூலம் "ரோபோ" என்ற  
சொல் உருவான விதத்தையும்,  
அதன் பயன்களையும், அதனால்  
மனிதர்களுக்கு ஏற்படும்  
நன்மைகளையும்,  
தானியங்கிகளைப் பற்றியும்  
அறிந்தனர்.

கணினியின் நண்பன்  
பாடத்திற்காக ரோபோவை  
வரைந்து இருக்கிறான். இதன்  
பெயர் சோபியா என்று



சிறகின் ஓசை பாடத்திற்காக ஒரு  
மாணவன் தாளில் பறவையைச்  
செய்தான். ஒரு மாணவி ஒரு  
கிளியின் படத்தை வரைந்திருந்தாள்.

இப்படத்தின் மூலம் பறவைகளைப் பற்றியும்,  
வலசை போதல் பற்றியும், அதன் வாழ்நாள்  
பற்றியும், அறிந்தனர். பறவை மனிதர் திரு.சலீம்



திருக்குறள் பாடத்திற்காக ஒரு மாணவி திருவள்ளூர் கையில் இருக்கும் அரிச்சுவடியை செய்திருந்தாள். இதன் மூலம் திருவள்ளூரைப் பற்றியும், திருக்குறள் பற்றியும் அறிந்தனர்



Tamil...

'ஒளி பிறந்தது' பாடத்திற்காக, திரு ஏ.பி.ஜே அப்துல் கலாம் அவர்களின் புகைப்படத்தை வரைந்து எடுத்து வந்திருந்தார்கள். மேலும், அப்துல் கலாமைப் பற்றி ஏராளமான செய்திகளை தொகுத்துக் கூறினர். இதன் மூலம் மாணவர்களுக்கு ஒரு புது உற்சாகம் கிடைத்தது.



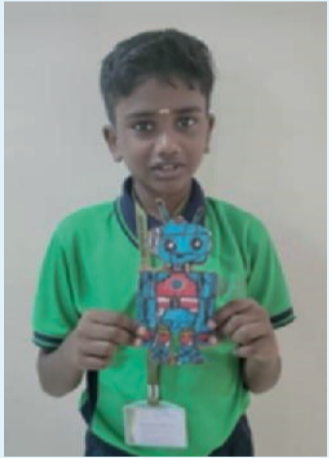
வகுப்பு ஆறு - 'ஆ' பிரிவு சிறகின் ஓசை பாடத்திற்காக ஒரு கிளியின் படத்தை வரைந்திருந்தார். இப்படத்தின் மூலம் பறவைகளைப் பற்றியும், வலசை போதல் பற்றியும், அதன் வாழ்நாள் பற்றியும், அறிந்தனர். பறவை மனிதர் திரு.சலீம் அலி அவர்களைப் பற்றியும் அறிந்து கொண்டனர். சிறகின் ஓசை பாடத்திற்காக ஒரு மாணவன், பறவைகளைப் பற்றி ஏராளமான குறிப்புகளை வலைதளத்தில் இருந்து எடுத்து வந்திருந்தான் இதன் மூலம் புத்தகத்தை தவிரவும் ஏராளமான செய்திகள்



வகுப்பு : 6

தலைப்பு: வளர் தமிழ்  
செயல் திட்டம் : பூவின் ஏழுநிலைகள்

தலைப்பு: கணியனின் நண்பன்  
செயல் திட்டம் : ரோபோவின் உருவப்படம்



இயந்திரங்களால் உருவாக்கப்பட்ட ரோபோவைப் பற்றி மாணவர்கள் சிறுவயதிலிருந்தே அறிந்துக் கொள்ள வேண்டும் என்பதற்காகவும் இதனால் மாணவர்கள் தங்கள் கல்வியை திறம்பட

முன்னோக்கி எடுத்துச் செல்ல உதவும் என்பதற்காகவும் இச்செயல் திட்டம் மாணவர்களுக்கு கொடுக்கப்பட்டது.

தலைப்பு: சிறகின் ஓசை  
செயல் திட்டம் : சிட்டுக்குருவி



சிட்டுக்குருவியின் வாழ்க்கை முறையைப் பற்றி அறிந்துக் கொண்டனர். மாணவர்கள் பறவைகளைப் பற்றி தெரிந்துக் கொள்வது இயற்கைக்கும் மனிதனுக்கும் ஒன்றோடொன்று தொடர்பை வளர்க்கிறது. என்பதற்காக இச்செயல் திட்டம் மாணவர்களுக்கு கொடுக்கப்பட்டது

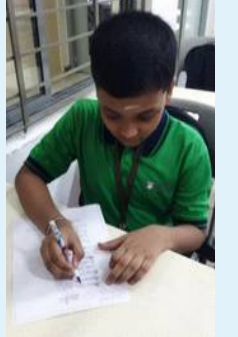
தலைப்பு: இன்பத் தமிழ்  
செயல் திட்டம் : இன்பத்தமிழ் பாடல் (காணொளி).



நமது தாய்மொழியாகிய தமிழைத் தமிழ் இலக்கியங்கள் போற்றுகின்றன. தமிழ் வணக்கம் தற்கால இலக்கிய மரபாக ஆகிவிட்டது. பாரதிதாசன் தமிழைப் பலவாறாகப் போற்றுகிறார். கண்ணே! மணியே! என்று குழந்தையைக் கொஞ்சுவதும் உண்டு. அதுபோல அவர் நம் செந்தமிழுக்குப் பெயர்கள் பல சூட்டி மகிழ்வதைக் மாணவர்கள் இனிய ஓசையுடன் பாடுதல்.



வகுப்பு - 6  
பாடம் ; வளர்தமிழ்  
தலைப்பு; பூவின் ஏழு  
நிலைகள் வரைந்து, பெயர்  
எழுதுதல்.  
நோக்கம்; தமிழ் சொற்களின்  
சிறப்பு அறிதல்.



பாடம் ; அறிவியல்  
ஆத்திசூடி  
தலைப்பு; அகர  
வரிசையில் கவிதை  
எழுதுதல்.  
நோக்கம்; கவிதை எழுதும்  
திறன் வளர்த்தல்



வகுப்பு - 7  
விடுமுறைக்கான செயல்திட்டம்  
தலைப்பு; சொந்த நடையில் கதை  
எழுதுதல்.  
நோக்கம்; எழுதும் திறன் மற்றும்  
கற்பனைத் திறனை வளர்த்தல்



வகுப்பு - 7  
பாடம் ; விலங்குகள் உலகம்  
தலைப்பு; வெவ்வேறு  
மாநிலங்களில் இருக்கும்  
விலங்குகளின் சரணாலயங்கள்  
பற்றிய படத்தொகுப்பு  
உருவாக்குவது.  
நோக்கம்; விலங்குகளின் முக்கியத்துவம் அறிதல்.



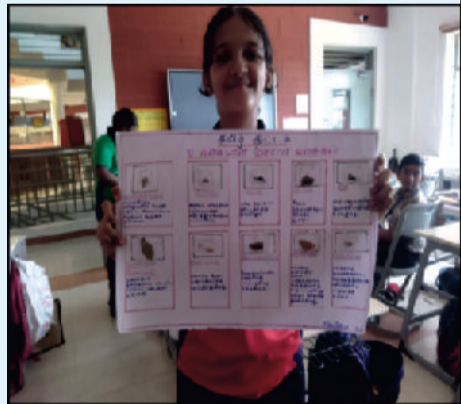
வகுப்பு - 7  
பாடம் ; தேசியம் காத்த  
செம்மல் பசும்பொன் உ.  
முத்திராமலிங்க தேவர்  
தலைப்பு; சுதந்திர தினத்தை  
முன்னிட்டு வீரமிக்க கவிதை  
எழுதுதல்.  
நோக்கம்; விடுதலை  
வேட்கையை உணரச்  
செய்தல்.



காமராசர் பிறந்த நாள் விழாவினைக் கொண்டாடும்  
விகமாக பல்வேறு போட்டிகள் நடைபெற்றன.



வகுப்பு 8 மூன்றாம் மொழி  
செயல்பாடுகளின் பட்டியல் :  
8 ஆம் வகுப்பு(L3) தமிழ்  
பாடத்தில் இயல் 3 -ல்  
தமிழர் மருத்துவம்  
என்னும் உரைநடை  
பாடத்திற்கான செயல்  
திட்டம் கொடுக்கப்பட்டது.  
தலைப்பு; வீட்டில் இருக்கும்  
மருத்துவ குணம் உள்ள  
பொருட்களைக் கொண்டு,  
பெயருடன் கூடிய  
படத்தொகுப்பு  
உருவாக்குவது



வகுப்பு 7 A,C,F

செயல்பாடுகளின் பட்டியல் :

- 1.கல்வி குறித்து 5 பழமொழிகள் எழுதுக.
- 2.இயற்கைக்காட்சி படம் வரைந்து வண்ணம் தீட்டுக.
- 3.நட்பு - கவிதை எழுதுதல்.
- 4.கலங்கரை விளக்கம் மாதிரி செய்து அவற்றின் பயன்களை  
எழுதுதல்.
5. விலங்குகளின் முகமுடிகளை செய்து மகிழல்.

நோக்கம் மற்றும் பயன் :

- கல்வி பற்றி அறிந்துக் கொண்டும், பழமொழிகளை அறிந்துக்  
கொண்டும் பயன்பெற்றனர்.
- இயற்கை படம் வரைவதன் மூலம் கற்பனைத் திறன் அதிகரிக்க  
வாய்ப்பாக மாணவர்களுக்கு அமைந்தது.,மகிழ்ச்சியையும்  
மாணவர்கள் அடைந்தனர்.
- கவிதை எழுத மாணவர்கள் கற்றுக்கொண்டனர்.
- கலங்கரை விளக்கத்தின் பயன்களையும் கற்றுக்கொண்டனர்.
- விலங்குகளின் முகமுடிகளை செய்வதன் மூலம் ஒருவிதக்  
கலையைக் கற்றுக்கொள்ள முடிந்தது.



தமிழ் மன்றம்

தமிழ் மன்றம் சார்பாக நடைபெறும் பல்வேறு செயல்பாடுகளிலும்  
போட்டிகளிலும், மாணவர்கள் கலந்து கொண்டு தங்கள்  
திறமைகளையும் தமிழ் மீது அவர்கள் கொண்ட பற்றினையும்  
வெளிப்படுத்தினர்.

தலைப்பு - நன்றியறிதல் (மாணவர்கள் கால இயந்திரத்தில் சென்று  
திருவள்ளூர், ஓளவையார் இருவரையும் மகிழ்வுடன் சந்தித்து  
உரையாடுதல்)

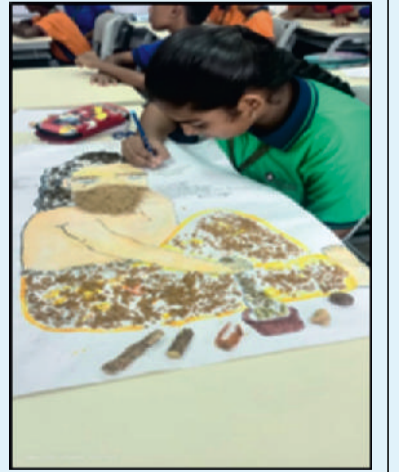


வகுப்பு 8 இரண்டாம் மொழி  
செயல்பாடுகளின் பட்டியல் :

- 1.கல்வி குறித்து 5 பழமொழிகள் எழுதுக.
- 2.எட்டுத்தொகை,புத்துப்பாட்டு,பதினெண்கீழ்க்  
கணக்கு நூல்களின் பெயர்களை பட்டியலிடுக.
- 3.இயற்கைக்காட்சி படம் வரைந்து வண்ணம்  
தீட்டுக.
- 4.தமிழ்மொழி - கவிதை எழுதுதல்.
- 5.மூலிகை மற்றும் மருத்துவப் பொருட்களின்  
மாதிரிகளைத் தொகுத்து பயன்களை எழுதுதல்.

நோக்கம் மற்றும் பயன் :

- கல்வி பற்றி அறிந்துக் கொண்டும்,  
பழமொழிகளை அறிந்துக் கொண்டும்  
பயன்பெற்றனர்.
- இலக்கியங்களின் பெயர்களை அறிந்துக்  
கொள்ள நல்ல வாய்ப்பாக மாணவர்களுக்கு அமைந்தது.
- இயற்கை படம் வரைவதன் மூலம் கற்பனைத் திறன் அதிகரிக்க  
வாய்ப்பாக மாணவர்களுக்கு அமைந்தது.,மகிழ்ச்சியையும்  
மாணவர்கள் அடைந்தனர்.
- கவிதை எழுத மாணவர்கள் கற்றுக்கொண்டனர்.
- மருத்துவப் பொருட்களின் பெயர்களையும், பயன்களையும்  
கற்றுக்கொண்டனர்.





வகுப்பு கூ இரண்டாம் மொழி செயல்பாடுகளின் பட்டியல் :

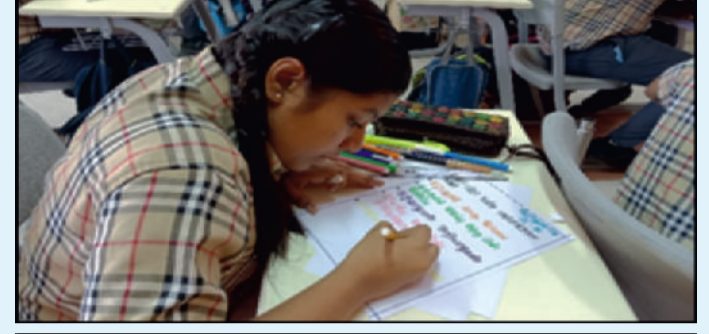
1. சங்க கால புலவர்களின் பெயர்கள்
2. சிற்பக்கலை
3. படம் பார்த்து திருக்குறள் எழுதுதல்
4. பாடலைப் படித்து புலவர்களின் பெயர்களை எழுதுதல்
5. கல்வி பற்றி பழமொழிகள்
6. உனக்குப்பிடித்த விழாக்கள் குறித்து பேசுதல்
7. அப்துல் கலாம் கவிதை
8. உயிர் வகை மனனம்(Time)
9. உன் பயன்படுத்தப்படும் பொருட்களின் தமிழ் பெயர்கள்
10. ஒரு வரி கதை

நோக்கம் மற்றும் பயன் :

- 0 சங்க கால புலவர்களின் படங்களை அறிந்து பெயர்களை எழுதினர்.
- 0 சிற்பக்கலையில் சிறந்து விளங்கிய பல்வேறு கால மன்னர்களின் சிற்பங்களை ஒட்டி விவரித்தனர் .
- 0 படம் பார்த்து திருக்குறள்களை எழுதினர்.
- 0 பாடலைப் படித்து புலவர்களின் பெயர்களை எழுதினர்.
- 0 கல்வி பற்றி பழமொழிகளை எழுதினர்.
- 0 உனக்குப்பிடித்த விழாக்கள் குறித்து பேசினார்கள்.
- 0 அப்துல் கலாம் கவிதை எழுதினர்.
- 0 உன் வீட்டில் பயன்படுத்தப்படும் பொருட்களின் தமிழ் பெயர்களை அறிந்து எழுதினர்.

பாடலைப் படித்து புலவர்களின் பெயர்களை எழுதுதல்

வெண்பாவிற் புகழேந்தி; பரணிக்குஓர்  
சயங்கொண்டான்;விருத்தம் என்னும்  
ஒண்பாவிற் கு உயர்கம்பன்;கோவை உலா  
அந்தாதிக்கு ஒட்டக்கூத்தன்;  
கண்பாய கலம்பகத்திற்கு இரட்டையர்கள்;  
வசைபாடக் காளமேகம்;  
பண்பாய பகர்சந்தம் படிக்காசு  
அலாதொருவர் பகர ஒணாதே . - பலபட்டடைச் சொக்கநாதப் புலவர்



வகுப்பு கூ மூன்றாம் மொழி செயல்பாடுகளின் பட்டியல் :

சிறுபஞ்சமூல வேர்களின் படங்களை ஒட்டி அதன் வேர்களை அறிந்து பெயர்களை எழுதினர்.  
வகுப்பு கூ மூன்றாம் மொழி செயல்பாடுகளின் பட்டியல் :  
திருக்குறளின் சிறப்புகளை அறிந்து திரவள்ளுவரைப் போல திருக்குறள் ஏட்டினைத் தயாரித்தனர்.  
வகுப்பு கூ இரண்டாம் மொழி செயல்பாடுகளின் பட்டியல் :

1. நிகழ்ச்சி நிரல்
2. குறுக்கெழுத்துப்போட்டி
3. பாடலைப் படித்து புலவர்களின் பெயர்களை எழுதுதல்
4. விருந்து பற்றி பழமொழிகள்
5. நட்பு கவிதை
6. எட்டுத்தொகை, பத்துப்பாட்டு மனனம்
7. ஐவகை நிலம் முதல்,கரு, உரிப்பொருள்
8. இரட்டுறமொழிதல் காலநேரம்(Time)
9. தமிழ்ச்சொல் வளம் (seminar)
10. ஒரு வரி கதை

நோக்கம் மற்றும் பயன் :

- 0 நிகழ்ச்சி நிரல் தயாரித்தனர் .
- 0 குறுக்கெழுத்துப்போட்டி , விருந்து பற்றி பழமொழிகள், நட்பு கவிதை , ஐவகை நிலம் முதல்,கரு, உரிப்பொருள் மாணவர்கள் அறிந்து எழுதினர். பாடலைப் படித்து புலவர்களின் பெயர்களை எழுதினர்.
- 0 ஒரு வரியில் கதை கூறி வகுப்பறையில் உருவாக்கினர்.
- 0 எட்டுத்தொகை, பத்துப்பாட்டு மனனமாக கூறினர்.
- 0 இரட்டுறமொழிதல் பாடலை உரிய நேரத்தில் மிக குறைவான படிக்கும் திறனை அறிந்தனர்.
- 0 மயங்கொலி பிடை நீங்குமாறு காளமேகப் புலவர் பாடலைப் பாடினர்.
- 0 விருந்தோம்பலில் தனித்து உண்ணாமை பற்றி அறிந்தனர்.

பாடலைப் படித்து புலவர்களின் பெயர்களை எழுதுதல்

கம்பனும் கண்டேத்தும் உமறுப் புலவரை எந்தக்  
கொம்பனும் பணியும் அறம்பாடுஞ் ஜவாது ஆசுகவியை  
காசிம்புலவரை, குணங்குடியாரை சேகனாய்ப் புலவரை  
செய்குதம்பிப் பாவலரைச் சீர்தமிழ் மறக்காதன்றோ



எட்டாம் வகுப்பு  
இயற்கை

மனதிற்கு மகிழ்ச்சியைத் தருவது இசையோடு சேர்ந்த இயற்கையை நம் மாணவச் செல்வங்கள் வரைந்து வண்ணம் தீட்டினர்.



கைவினைப் பொருட்கள்

“கைத்தொழில் ஒன்றைக் கற்றுக்கொள் கவலை உனக்கில்லை ஒத்துக்கொள்.”

என்றார் நாமக்கல் கவிஞர் வெ. இராமலிங்கம் பிள்ளை அவர்கள்.

அதற்கிணங்க மாணவர்கள் தங்களுக்குத் தெரிந்த கைவினைப் பொருட்களைச் செய்தனர்.





சங்க இலக்கிய நூல்கள்:

சங்க இலக்கியம் எனப்படுவது தமிழில் பொ.ஊ.மு. 500-இல் இருந்து பொ.ஊ. 200 வரை உள்ள காலப்பகுதியில் எழுதப்பட்ட செவ்வியல் இலக்கியங்கள் ஆகும்.

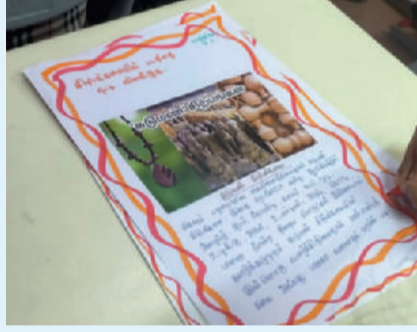
பதினெண் மேற்கணக்கு நூல்கள்

எட்டுத்தொகை

- 1.நற்றிணை
- 2.குறுந்தொகை
- 3.ஐங்குறுநூறு
- 4.பதிற்றுபத்து
- 5.பரிபாடல்
- 6.கலித்தொகை
- 7.அகநானூறு
- 8.புறநானூறு

பத்துப்பாட்டு

- 1.திருமுருகாற்றுப்படை
2. பொருநராற்றுப்படை
- 3.சிறுபாணாற்றுப்படை
4. பெரும்பாணாற்றுப்படை
- 5.முல்லைப்பாட்டு
6. மதுரைக்காஞ்சி
- 7.நெடுநல்வாடை
8. குறிஞ்சிப்பாட்டு
- 9.மலைபடுகடாம்
10. பட்டினப்பாலை



தமிழர் மருத்துவம்

தமிழர் மருத்துவம் எனக் கருதப்படுவது சித்த மருத்துவம் ஆகும்.

சிற்பக்கலை

சிற்பம் என்பது ஒரு முப்பரிமாணக் கலைப் பொருள் ஆகும். இது கடினமான அல்லது நெகிழ்வுத் தன்மை கொண்ட பொருள்களுக்கு உருவம் கொடுப்பது மூலம் உருவாக்கப்படுகிறது. பொதுவாகச் சிற்பங்கள் செய்வதற்காகப் பயன்படும் பொருட்களுள், கற்கள், உலோகம், மரம் மண் என்பவை அடங்குகின்றன. கல், மரம் போன்றவற்றைப் பயன்படுத்தும்போது, சிற்பங்கள் செதுக்குவதன் மூலம் செய்யப்படுகின்றன.

கல்வி பற்றிய பழமொழி

- 1.அறிவு ஒரு சுமை அன்று.
- 2.அரைகுறை அறிவு ஆபத்தில் முடியும்.
- 3.கற்றது கைம்மண்ணளவு கலாதது உகலகளவு.
- 4.தவத்துக்கு ஒருவர் கல்விக்கு இருவர்.
- 5.ஏட்டுச் சுரைக்காய் கறிக்கு உதவாது.

பத்தாம் வகுப்பு:

விருந்தோம்பல்

விருந்தோம்பல் அறத்தின் வழியாகும். முகமலர்ந்து வரவேற்று, ஆசையாய் பேசி, உண்ண உணவும், தங்க இளைப்பாற இடமும் கொடுத்து, அன்பு காட்டி பராமரித்து அனுப்புதல் விருந்தோம்பல் எனப்படும்.

தொல்காப்பியர் "விருந்தே புதுமை" என்றார். முன்பின் தெரியாதவர்களாக வீட்டிற்கு வருபவர்களே உண்மையான விருந்தினர்கள், அவர்களைத் தாம் நாம் முறையாக சிறப்பித்து கவனிக்க வேண்டும் என்பதை மாணவர்கள் அறிந்து நம் பள்ளியிலும் விருந்தோம்பல் பண்பினை சிறப்பாக நடத்தினர்.

அதில் மாணவர்கள் அனைவரும் ஒற்றுமையுடனும் மகிழ்ச்சியுடனும் தங்களுடைய உணவுகளைப் பகிந்து கொண்டனர்.



பட்டிமன்றம்

மாணவர்களின் பேச்சாற்றலை வளர்க்கும் பொருட்டு பட்டிமன்றம் நடத்தப்பட்டது.



தமிழர் மருத்துவம் என்ற தலைப்பிற்கேற்றவாறு மூலிகைச் செடிகளை சேகரித்து அதன் பயன்களை அறிந்தனர்.





குறுக்கெழுத்துப் போட்டி

1			2					
								3
			4					
				5				
				7				6
	8				9			
10				11				12
		13						
14					15			
			16			17	18	

இடமிருந்து வலம்

1. சிறுபொழுதின் வகைகளுள் ஒன்று (2)
2. நேர் நேர் - வாய்பாடு (2)
11. எட்டுத்தொகை நூல்களுள் ஒன்று (5)
14. மக்களே போல்வர் ..... (4)

மேலிருந்து கீழ்

1. மூல்லைத் திணைக்குரிய பெரும்பொழுது (5)
2. மொழிஞாயிறு (9)
3. நல்ல என்னும் அடைமொழி கொண்ட தொகைநூல்.....(5)
4. கழை என்பதன் பொருள் (4)
7. மதியின் மறுபெயர், இது நிலவையும் குறிக்கும்(4)
10. குறிச்சித் திணைக்குரிய விலங்கு.....(4)
- 12.....என்பது புறத்திணைகளுள் ஒன்று(4)

வலமிருந்து இடம்

15. மருந்தே ஆயினும் விருந்தோடு உண் - ஆசிரியர் (4)
16. மதிமுகம் உவமை எனில் முகமதி .....(5)

கீழிருந்து மேல்

5. விடையின் வகைகள் (3)
6. வீரமாமுனிவர் இயற்றிய நூல் (5)
8. பிள்ளைத்தமிழின் இரண்டாம் பருவம் (4)
9. முப்பால் பகுப்பு கொண்ட நூல்களுள் ஒன்று(6)
13. மன்னனது உண்மையான புகழை எடுத்துக் கூறுவது (7)
17. 96 வகைச் சிற்றிலக்கிய வகைகளுள் ஒன்று (7)
18. செய்தவம் - இலக்கணக்குறிப்பு (5)

விடைகள்

1	கா	லை		2	தே	மா		ள்			ணி
	ர்		தி		வ		டு	ற		3	வ
	கா	ரை	த்		தே	4	மு	ட்	கு		று
	ல	கீ	ர்		ய	ங்	5	எ	க்	ழ்	த்
	ம்	ங்	கீ		ப்	கி	7	தி	கு	மி	6
		8	செ		க்	பா		ந்	9	தி	த
											கை
10	சி		ய்		வா		11	க	லி	த்	12
	ங்		13		மெ	ண		ள்	ளை	த்	க்
14	க	ய	வ		ர்	யா		வை	15	ள்	னை
	ம்	க	வ		ரு	16				17	18
						உ				பி	வி
											ளை

தமிழ் - செயல்பாடுகள் வகுப்பு - 8 பிரிவு - ஆ.இ

செயல்பாடுகளின் பட்டியல் :

1. கல்வி குறித்து 5 பழமொழிகள் எழுதுக.
2. எட்டுத்தொகை, பத்துப்பாட்டு, பதினெண்மீழ்க்கணக்கு நூல்களின் பெயர்களை பட்டியலிடுக.
3. இயற்கைக்காட்சி படம் வரைந்து வண்ணம் தீட்டுக.
4. தமிழ்மொழி - கவிதை எழுதுதல்.
5. மூலிகை மற்றும் மருத்துவப் பொருட்களின் மாதிரிகளைத் தொகுத்து பயன்களை எழுதுதல்.

நோக்கம் மற்றும் பயன் :

- Ø கல்வி பற்றி அறிந்துக் கொண்டும், பழமொழிகளை அறிந்துக் கொண்டும் பயன்பெற்றனர்.
- Ø இலக்கியங்களின் பெயர்களை அறிந்துக் கொள்ள நல்ல வாய்ப்பாக மாணவர்களுக்கு அமைந்தது.
- Ø இயற்கை படம் வரைவதன் மூலம் கற்பனைத் திறன் அதிகரிக்க வாய்ப்பாக மாணவர்களுக்கு அமைந்தது. மகிழ்ச்சியையும் மாணவர்கள் அடைந்தனர்.
- Ø கவிதை எழுத மாணவர்கள் கற்றுக்கொண்டனர்.
- Ø மருத்துவப் பொருட்களின் பெயர்களையும், பயன்களையும் கற்றுக்கொண்டனர்.







நாட்டுப்புறக் கைவினைக்கலைகள் என்ற தலைப்பிற்கேற்ப தங்களிடம் உள்ளவை மற்றும் தாங்கள் செய்த கைவினைப் பொருட்களைக் கொண்டு வந்து விளக்கினர்.



தமிழர் இசைக்கருவிகள் என்ற தலைப்பிற்கேற்றவாறு இசைக்கருவிகளை இசைத்து ஆடி அதன் முக்கியத்துவத்தை உணர்ந்தனர்.



சிற்பக்கலை என்ற தலைப்பிற்கேற்றவாறு சிற்ப வகைகளை அறிந்து அவற்றில் தங்களுக்குப் பிடித்த சிற்பத்தை வரைந்தனர்.



வகுப்பு - 9 C  
தமிழாசிரியர் - செ.கற்பகவள்ளி  
மாணவர்கள் எழுதுதல் திறன்களை மேலும் வளர்க்கும் பொருட்டு பல்வேறு செயல்பாடுகளை அறிந்து மேற்கொண்டனர்.



பட்ட மரத்தின் வருத்தத்தினை மாணவர்கள் தங்களது செயல்பாட்டின் மூலம் அழகாக விளக்கினர். மரம் இயற்கை நமக்கு கொடுத்த வரம் என்பதை உணர்ந்தனர்.



பூத்தொடுத்தல் என்ற பாடலின் பொருளை நுட்பத்துடன் உணர மாணவர்கள் மல்லிகைப் பூவினைத் தொடுத்து அதன் நுணுக்கத்தினை அறிந்து பூவினைத் மகிழ்வுடன் தொடுத்தனர்.



அகழாய்வுகள் என்ற தலைப்பிற்கேற்றவாறு மாணவர்கள் அகழாய்வில் கண்டெடுக்கப்பட்ட பொருட்களைப் பார்த்து பல அரிய தகவல்களை அறிந்து கொண்டனர்.



காமராசர் பிறந்த நாள் விழாவினைக் கொண்டாடும் விதமாக பல்வேறு போட்டிகள் நடைபெற்றன .வெற்றி பெற்ற மாணவர்களுக்கு பள்ளி முதல்வர் அவர்களால் சான்றிதழ் வழங்கப்பட்டது.





### हिंदी दिवस: हमारे विद्यालय में एक विशेष उत्सव

हर साल 14 सितंबर को हम हिंदी दिवस मनाते हैं, जो हमारी मातृभाषा हिंदी के सम्मान और उसके महत्व को बढ़ावा देने का एक अनूठा अवसर होता है। इस वर्ष, हमारे विद्यालय में हिंदी दिवस का आयोजन बड़े उत्साह और उल्लास के साथ किया गया।

कार्यक्रम की शुरुआत विद्यालय के ऑडिटोरियम में प्रार्थना (सरस्वती वंदना) के साथ हुई, जिसमें सभी विद्यार्थियों और शिक्षकों ने हिंदी भाषा के प्रति अपने प्रेम और सम्मान को प्रकट किया। माननीय प्रधानाचार्या जी द्वारा विशेष भाषण प्रस्तुत किया गया। इसके बाद विद्यार्थियों ने विभिन्न सांस्कृतिक कार्यक्रम प्रस्तुत किए, जिनमें स्वागत गीत, कवि सम्मेलन, दोहा अंताक्षरी, नाट्य प्रदर्शन, सांस्कृतिक एवं लोक नृत्य और हिंदी गीतों की मनमोहक प्रस्तुतियाँ शामिल थीं। इन गतिविधियों ने न केवल बच्चों के भाषाई कौशल को निखारा, बल्कि हिंदी भाषा की सुंदरता और उसकी गहराई को भी सबके सामने प्रस्तुत किया। हिंदी के प्रति बच्चों का उत्साह और उनकी रचनात्मकता ने हमें गौरवान्वित किया। साथ ही, शिक्षकों ने भी हिंदी के महत्व और उसकी समृद्ध विरासत पर अपने विचार साझा किए। हिंदी न केवल हमारी संस्कृति की पहचान है, बल्कि यह हमें अपनी जड़ों से जोड़े रखने में भी मदद करती है। इस अवसर पर हमने संकल्प लिया कि हम सभी अपने दैनिक जीवन में हिंदी का अधिकाधिक प्रयोग करेंगे और इसे और भी मजबूत बनाएँगे। हिंदी दिवस का यह उत्सव हमारे लिए एक प्रेरणा स्रोत है, जो हमें हिंदी भाषा और साहित्य की गरिमा और उसके योगदान को समझने का अवसर देता है।

जय हिंद, जय हिंदी



Ms. Padma Kannan  
HOD- Hindi



### पैसे का मूल्य

आज हम मूलतः भौतिक युग में निवास कर रहे हैं। धन जीवन की लगभग सभी मूलभूत आवश्यकताओं को पूरा करने के लिए जरूरी है। हमें हमारे समाज में रहने यहाँ तक की पद प्रतिष्ठा प्राप्त करने के लिए भी धन नितांत आवश्यक है। पैसा हमें जीवन की अनिश्चितताओं से बचाता है और हमें सुरक्षा कवच भी प्रदान करता है। आज के युग में पैसा अभिभावकों को समय की अपेक्षा ज्यादा सुलभता प्राप्त होता है। जिस कारण वे अपने बच्चों को अपना वक्त न देकर पैसे के माध्यम से उनकी हर इच्छाओं को पूरा करने का प्रयास करते हैं और आगे चलकर यह उनके बच्चों में पैसे के महत्व को ना समझने का बड़ा कारण बनता है। और उनमें पैसे को लेकर नैतिकता का अभाव पनप जाता है। जिससे आगे चलकर उन्हें जीवन में कठिनाइयों का सामना करना पड़ता है। इसलिए यह जरूरी है कि हम अपने बच्चों को भी सीखए की पैसा कैसे और कहाँ खर्च करना है। अर्थ को लेकर सही और गलत का मानदंड विकसित करना जरूरी है। मुद्रा वह वस्तु है जिसे आम तौर पर किसी देश में सामाजिक आर्थिक संदर्भ में वस्तुओं और सेवाओं के भुगतान के लिए भी प्रयोग किया जाता है।

पैसे की ताकत को हम इस वाक्य से समझ सकते हैं "जिसके पास नहीं है पैसा उसका जग में जीवन कैसा"। पैसे में पहले भी ताकत थी और आज भी ताकत है। सरल शब्दों में पैसा विनिमय का

Ms. Nandhini. Y  
Hindi Teacher



### आश्चर्यजनक तथ्य

|| जब चाँद सीधे सिर के ऊपर होगा, तो आपका वज़न थोड़ा कम होगा।

हाँ, यह सच है, गणना के अनुसार ऐसा कहा जाता है कि 100 किलोग्राम के व्यक्ति का वज़न 0.48 ग्राम कम होगा। जब चाँद सीधे सिर के ऊपर होगा, तो उनका वज़न 0.5 ग्राम कम होगा क्योंकि चाँद आपको उसी तरह आकर्षित करता है जैसे ज्वार आने पर वह पानी को आकर्षित करता है।

|| ऊँटों की तीन पलकें होती हैं जो उन्हें रेगिस्तान की उड़ती रेत से बचाती हैं।

ऊँटों के पास अपने पर्यावरण के अनुकूल होने के अलग-अलग तरीके होते हैं। उनके पास एक तीसरी साफ़ पलक होती है जो उनकी आँखों को उड़ती रेत से बचाने में मदद करती है। साथ ही, लंबी पलकों की दो पंक्तियाँ उनकी आँखों की रक्षा करती हैं।

|| सिर्फ़ एक घंटे के लिए हेडफ़ोन पहनने से आपके कान में बैक्टीरिया 700 गुना बढ़ जाएँगे।

जब आप हेडफ़ोन पहनते हैं तो आप अपने कानों को प्राकृतिक हवा से ढक लेते हैं जिससे 1 घंटे में बैक्टीरिया का उत्पादन 700% बढ़ जाता है। आपका कान का परदा इतनी मात्रा में बैक्टीरिया के प्रवेश को सहन नहीं कर सकता है, इसलिए यह लंबे समय में दर्द या सुनने की क्षमता खोने के रूप में प्रतिक्रिया करना शुरू कर देता है।



Ayaan Sohail  
X-B



## पहेलियाँ

- जो गिरता है लेकिन कभी घायल नहीं होता?  
जवाब: बारिश
- मेरे पास शरीर तो है लेकिन आत्मा नहीं है, मैं कौन हूँ?  
जवाब: गुड़िया
- तुम मुझे खाने के लिए खरीदते हो लेकिन मुझे का नहीं सकते। मैं कौन हूँ?  
जवाब: थाली
- आप मुझे रोक सकते हो पर छू नहीं सकते। मैं कौन हूँ?  
जवाब: सास

Nandhika R  
VI-A



## हिंदी भाषा -कविता

हिंदी है दिल की भाषा, सरल और सजीव,  
शब्दों में बसी है, भावनाओं की जीव।  
गंगा सी पावन, हिमालय सी महान,  
हर दिल में बसती, है इसकी पहचान।

ज्ञान का सागर, भावनाओं की डोर,  
हिंदी से जुड़ते, हम सब के दिल ज़ोर।  
हिंदी है जीवन, हिंदी है प्रकाश,  
इससे ही होता, सपनों का विकास।

हिंदी की महिमा, गाओ सब मिलकर,  
इससे ही रोशन है, हमारा ये अंबर।

Ms.Sangeeta R.  
Hindi Teacher



## वंसत ऋतु

वंसत ऋतु आई,  
मस्ती है लाई,  
रंग बिरंगे फूल खिल रहे हैं,  
बाग बगीचे महक रहे हैं।  
घास लहराती तितली मंडराती,  
कोयल मीठे गीत सुनाती,  
चिड़िया खुशी से शोर मचाती,  
पेड़ों पर नई पत्तियाँ है मुस्काती।  
धरती -अंबर गीत सुनाते,  
बच्चे - बड़े झूम कर नाचते,  
वंसत ऋतु है आई,  
मस्ती है लाई।

Sivasubramaniam.A  
VIII-E



## आई बें की आइसक्रीम



Sushma Subhi  
X-A

## बूझो तो जाने

- वह क्या है जिसे आप एक बार खा कर दोबारा नहीं खाना चाहते हैं?  
उत्तर: धोखा
- ऐसी कौन सी भाषा है जो खाने के काम भी आती है?  
उत्तर: चीनी भाषा
- ऐसा क्या है जिसे हम देख सकते हैं लेकिन छू नहीं सकते  
उत्तर: सपना
- एक लड़का और एक डॉक्टर शॉपिंग कर रहे थे लड़का डॉक्टर का बेटा था लेकिन डॉक्टर लड़के का पिता नहीं था तो बताओ डॉक्टर कौन था?  
उत्तर: लड़के की माँ
- लोग मुझे खाने के लिए खरीदते हैं पर खाते क्या?  
उत्तर: चम्मच (Spoon)



Yashvi Gupta  
VI-A

## “ परिश्रम का फल”

यह कहानी एक छोटे से गाँव की है, जहाँ दो भाई, राम और श्याम, रहते थे। राम बहुत मेहनती और ईमानदार था, जबकि श्याम थोड़ा चालाक और आलसी था। राम अपने पैरों पर खड़ा होना चाहता था और इसलिए उसने खेती शुरू की। दूसरी ओर, श्याम हमेशा अपने मुँह मियाँ मिट्टू बनता रहता था और खुद को सबके सामने अच्छा साबित करने की कोशिश करता रहता था। एक दिन, राम ने सोचा कि अब जब जागो तब सवेरा, और उसने सुबह जल्दी उठकर अपने खेतों में काम करना शुरू कर दिया। वह अपने मेहनत से खेतों में अच्छी फसल उगाने लगा। श्याम को यह देख कर बहुत जलन हुई और उसने राम की खुशी को उजाड़ने की ठान ली। श्याम ने गाँव के कुछ लोगों को उकसाया और उनके बीच आपसी बैर बढ़ा दिया। वह चाहता था कि लोग राम के खिलाफ हो जाएँ ताकि उसकी खेती बर्बाद हो जाए। लेकिन राम समझदार था, उसने अपनी मेहनत जारी रखी और किसी की बातों में नहीं आया। एक दिन श्याम ने राम के खेत में आग लगाने की कोशिश की, लेकिन उसी वक्त राम ने उसे रंगे हाथ पकड़ लिया। राम ने श्याम से कहा, "अब पछताए होत क्या जब चिड़िया चुग गई खेत। अब तुम्हारे किये का कोई फायदा नहीं, क्योंकि तुम खुद अपने पैरों पर खड़ा नहीं हो सकते।" राम की बातों से श्याम को अपनी गलती का एहसास हुआ और उसने माफी माँग ली। राम ने उसे माफ कर दिया और दोनों भाई मिलकर खेती करने लगे। धीरे-धीरे श्याम ने भी मेहनत करना शुरू किया और राम की तरह अपने पैरों पर खड़ा होना सीख गया। इस तरह, दोनों भाइयों की मेहनत और समझदारी से उनका जीवन सुधर गया और वे फिर से अच्छे दोस्त बन गए।

Syed Rehaan  
X-B



## पहाड़ों का महत्व

पहाड़ों का हमारे जीवन में बहुत महत्व है यह हमारी बहुत मदद करते हैं इसके कारण बारिश और ठंडी हवा रहती है। पहाड़ दुनिया के "पानी के टॉवर" कहलाते हैं क्योंकि वे हमारे घरों तक मीठा पानी पहुंचाने का प्रमुख कार्य करते हैं। दुनिया की सभी प्रमुख नदियाँ पहाड़ों से शुरू होती हैं। अरबों लोग पीने, स्वच्छता, सिंचाई के लिए पहाड़ों के पानी पर निर्भर हैं और ऊर्जा उत्पादन। पहाड़ों के लोगों के रहन-सहन और खाने-पीने में बहुत फर्क होता है।

Dharshika S  
VI-A





एका कथा - Story time

एकदा कश्चित् तपः कुर्वन् आगत्य "यथेच्छं वरं" यत्र तस्य पादस्पर्श आसीत् । परन्तु स्वधर्मः वृणीष्व" इति अवदत् । सः भवति ; तत्र भूमिः इति निश्चित्य फले इच्छां तु तपस्यायाः फलम् हरितमयी भवतु" इति । विना तपः आचरितवान् । नावाच्छत् । अतः "किमपि ततः परम् यत्रकुत्रापि सः दिनानि गतानि, मासाः मास्तु । स्वधर्माचरणं गच्छति, तत्र भूमिः गताः, संवत्सराः अपि श्रेयः" इत्यवदत् । तस्य हरितमयी, फलयुक्ता च गताः । एकदा तस्य पुरतः मनोवृत्तिं ज्ञात्वा स्वयमेव अभवत् । एते महान्तः शक्रः तुष्टो भूत्वा तस्मै वरं अददात् सुरपतिः प्रातः स्मरणीयाः ॥



Mr. Mukunthan  
Hod-Sanskrit

पाणिनि : सर्वासु भाषासु स्थापनां कृतवान्

शिवप्रभा अष्ट: 'A' Adm. no. 4230

संस्कृतभाषायाः व्याकरणं रचयन् महान् संस्कृतविद्वान् पाणिनिः एकः रोचकः इतिहासः आसीत् यस्य अद्यापि जनाः भ्रान्ताः सन्ति । सः कुतः अस्ति ततः कस्मिन् शतके सः निवसति स्म, तस्य विषये एतादृशाः बहवः प्रश्नाः सन्ति येषां विषये भवान् पठितुम् इच्छति इति मम विश्वासः अस्ति । अतः अधिकं विलम्बं विना संस्कृतव्याकरणस्य जगति गोतां कुर्मः : पाणिनी ।

पाणिनिः प्राचीनभारतस्य तार्किकः, संस्कृतभाषाशास्त्रज्ञः, व्याकरणशास्त्रज्ञः, पूज्यविद्वान् च आसीत्, यस्य कालः विभिन्नरूपेण ईपू ७ शताब्द्याः चतुर्थशताब्द्याः च मध्ये आसीत् ।

नवदशशतके यूरोपीयविद्विः तस्य अष्टाध्यायी इति ग्रन्थस्य आविष्कारात् प्रकाशनात् आरभ्य पाणिनिः "प्रथमः वर्णनात्मकः भाषाविदः" इति गण्यते. "भाषाशास्त्रस्य पिता" इति अपि लेबलं प्राप्तवान् व्याकरणस्य विषये तस्य दृष्टिकोणः फर्डिनेण्ड् डी सोसुर, तियोनार्ड् ब्लूमफील्ड् इत्यादयः आधारभूतभाषाविदः प्रभाविताः ।

पतञ्जलिस्य महाभाष्यस्य १.७.१३, ३.२.५१-१२ श्लोकानुसारं तस्य पूर्णनाम दक्षिणीपुत्रपाणिनिः आसीत्, प्रथमभागे तस्य मातुः नाम दक्षिणी इति सूचितम् । पाणिनिः कदा जीवितः इति निश्चितं न ज्ञायते कस्मिन् शतके अपि । पाणिनिः क्रि.पू.सप्तमशताब्द्याः चतुर्थशताब्द्याः च मध्ये निर्धारितः अस्ति । हिनुबेर् (१९९०-३४-३५) तथा फाल्क (१९९३: ३०३-३०४) इत्यनेन कृतस्य कार्यस्य कारणात् अधुना वर्षं जानीमः यत् पाणिनिः, सर्वसंभाव्यतया, अशोककालस्य दूरं समीपे एव जीवति स्म यत् अद्यावधि चिन्तितम् आसीत् . फाल्कस्य तर्कस्य अनुसारं पाणिनिः ३५० ईपू परं दशके अर्धात् मेसिडोनियादेशस्य अलेक्जेण्डरस्य आक्रमणात् पूर्वमेव ( अथवा तस्य समकालीनरूपेण) जीवितवान् इति अवश्यं ।

**भर्तृहरि पद्यानि**

साहित्य-संगीत-कला-विहीनः  
साक्षात् पशुः पुच्छविषाणहीनः ।  
तृणं न खादन्नपि जीवमानः  
तद्भागधेयं परमं पशूनाम् ॥

येषां न विद्या न तपो न दानं  
ज्ञानं न शीलं न गुणो न धर्मः ।  
ते मर्त्यलोके भुवि भारभृताः  
मनुष्यरूपेण मृगाश्चरन्ति ॥



Yashvi Gupta  
VII-A



Lakshid  
VII-A

प्रेहलिका - Joke

पुरः - अम्बे । रात्री निद्रा न आयाति । किं करणीयम् ?  
अम्बा - दूरभाषा अस्ति वा ?  
पुरः - आम् अस्ति ।  
अम्बा - मर्या ददातु ।  
इदानीं गच्छ, निद्रां कुरु ।

पत्नी - अद्य भवान् किं कार्यं करिष्यति ?  
पतिः - किमपि न करिष्यामि ।  
पत्नी - एतदेव ह्यः अपि अकरोत् ।  
पतिः - तत् न समाप्तम् ॥  
पत्नी - ..... ?



**सदाचारः**

अभिवादनशीलस्य निव्यं वृद्धौपसेविनः ।  
नत्वारि तस्य वर्धन्ते आयुर्विद्या यशो बन्धम् ॥

यत्र नार्यस्तु पूज्यन्ते रमन्ते तत्र देवताः ।  
यत्रैतास्तु न पूज्यन्ते स्वस्तिनाफला क्रिशाः ॥

सर्वलक्षणहीनोऽपि यः सदाचरवान् नरः ।  
श्रद्धधानीडनसूयश्च शतं वर्षाणि जीवति ॥



Rose Amel  
VII-A



Archana.m  
X-D

**गाथा-सार**

यद्वा-यद्वा हि धर्मस्य  
रेलानि भवति भारतः ।  
अभ्युत्थानस्य अधर्मस्य  
तदात्मानं सृजाम्यहम् ॥

परित्राणाया साधूनां  
विनाशाय च दुष्कृताम् ।  
धर्मसंस्थापनार्थाय  
संभवामि युरो-धुरो ॥

**धन्यवादः**

अद्भुत स्वप्न ?

राजीवस्य अरपुत्रं स्वप्नम्  
निद्रो चर्तुः मरुड-मरुडं  
इति ध्यायति यथा चिन्तकः  
सर्वः यदा भी-भीं भावते ।  
भारतकः दुर्बलः तथा च ।  
यथा चकारुषुः संकलः ।  
भूतकर्मोऽस्य ध्यायति च ।  
सत्तकः ध्यायति शृंगपुत्रः ।



## CHINMAYA GEETA CHANTING COMPETITION 2024

**"Chant – Study – Know – Live"**

Chanting introduces us to noble texts, sparking curiosity to delve deeper into their meanings and contents. This curiosity leads to study, and the knowledge gained transforms into actions, ultimately becoming a way of life.

On October 14th, 2024, SRM Public School hosted the second year of the Geethacharya Physical Competition (Preliminary Round), organized by the Chinmaya Mission. This event aims to inspire and motivate both children and adults to learn and memorize the sacred verses of the Shrimad Bhagavad Gita. 156 students from LKG to XI participated with enthusiasm in the competition that took place at Eswari Hall. The judges of the event were MS. Karpagam Gopalan, MS. Aparna Vijay, MS. Latha Sankaran and MS. Poorni. Each student chanted the Gita slokas with commendable pronunciation, clarity, and tone, making the event a true celebration of dedication and devotion.





## BREAKING THE MATH BARRIER: HOW SRM SCHOOL ALLEVIATES MATH ANXIETY

Mathematics often holds a place of fear in many students' hearts. This anxiety towards Math is not merely a matter of struggling with numbers and equations but can stem from deeper psychological and pedagogical issues.

**Why Math Can be Intimidating?**

**Perceived Complexity:** Math is often viewed as a subject filled with abstract concepts and complex problems. The progression from basic arithmetic to advanced topics like calculus can seem overwhelming deter students from engaging fully with the subject.

**Fear of Failure:** Mathematics is frequently associated with right or wrong answers, and the fear of making mistakes can be paralyzing lead to significant anxiety and reluctance to tackle Math problems.

**Lack of Confidence:**

Many students lack confidence in their abilities. Negative experiences can create a mind set that they are inherently bad at the subject.

**Teaching Methods:**

Traditional teaching methods that emphasize rote learning and memorization rather than conceptual understanding can make Math seem tedious and less engaging.

**How SRM School Breaks the math barrier?**

At SRM School, we recognize these challenges and are committed to addressing them through innovative and supportive strategies like.

**Fostering a Growth Mindset:** We emphasize that Math is not just about finding the right answers but about developing problem-solving skills and understanding concepts.

**Interactive and Engaging Lessons:** . We use technology, visual aids, and hands-on activities to make abstract concepts more tangible and engaging. This approach helps students see the practical value of math and keeps them

motivated.

**Personalized Support:** By identifying individual learning styles and addressing specific difficulties, we ensure that each student receives the help he need to build their confidence and competence.

**Encouraging Collaborative Learning:** We promote collaborative learning environments where students work together to solve problems.

**Celebrating Successes:** At SRM School, we celebrate both small and large successes. By acknowledging and rewarding progress, we build students' confidence and encourage a positive attitude towards Math.

**Professional Development for Teachers:** We invest in ongoing professional development for our Math teachers, ensuring they stay updated with the latest educational strategies and technologies.

### "A Journey Through Math"

In the world of numbers, where patterns align,  
Math whispers secrets, both grand and benign.  
From algebra's puzzles to geometry's grace,  
It colors our days, sets a rhythm and pace.  
In classrooms where equations and theories unfold,  
Math shapes our journey, both timid and bold.  
It's the guide through our struggles, the  
light in our quest,  
The ultimate partner in the learning process.  
So embrace every problem, each fraction,  
each sum,  
For in solving these mysteries, we all  
become

Dr. Srinivasan R  
HOD- Math (High School)



### MIND-BLOWING FACTS ABOUT MATHEMATICS

- There is no Roman numeral representation of Zero whereas all other numbers can be written in Roman Numerals.
- 4 is the only number spelled with the numbers of letters equal to its value.
- Hundred is derived from the word "Hundrath" which in Old Norse meant 120 meaning Long Hundred.
- 1000 is the only number from 0 to 1000 that contains the letter "a."
- One of the interesting facts about Maths is that even though you take any shape with the same perimeter, a circle possesses the largest area.
- Every odd number contains an 'e.'
- Archimedes is renowned as the "Father of Mathematics."
- Leonhard Euler is recognized as the "King of Math."
- In 628, an Indian astronomer and mathematician named Brahmagupta devised the definition of Zero
- An icosagon has 20 sides.
- If anyone multiplies  $111,111,111 * 111,111,111$ , you get a palindromic number.
- The shape of the sunflower follows the Fibonacci sequence.

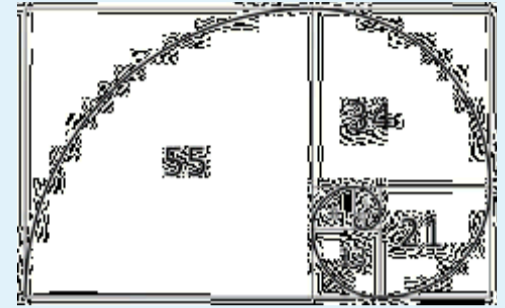


AaradhanA.S  
IX-A



## FIBONACCI SEQUENCE: NATURE'S WONDER

It is a known fact that math exists everywhere from the universe to the building of buildings, big or small. But have you ever witnessed a sequence of spirals in nature entirely? You see, we are able to see many sequences in daily objects like pinecones and fruits such as pineapples in nature but did you know that there is a constant series or sequence of numbers that occurs in almost every single spiral object on earth? Well, it looks like earlier, the same sequence was first described in Indian mathematics in 200 BC on multiple, in fact, several millions of possible patterns.



As far as we know, it was made to show that there were innumerable patterns of Sanskrit poetry formed from syllables of two lengths. Hemachandra is credited with the knowledge of the sequence as well as writing that-“The sum of the last and the one before the last is the number of the next matra vrta( quantitative verses, a type of metre found in classical Sanskrit poetry). Then why was it named 'Fibonacci sequence' when Indians first discovered it? Well, it was named after Italian mathematician, Leonardo of Pisa, otherwise known as Fibonacci, as he was the first one to introduce this sequence to Western European mathematics in his book written in 1202, Liber Abaci. The Fibonacci sequence is a sequence where each

number is the sum of the two preceding ones. Numbers that are a part of this sequence are known as Fibonacci numbers, and are commonly denoted by  $F_n$ . Starting from 0 and 1, the sequence begins- 0,1,1,2,3,5,8,13,,21,34,55,89,144 and so on (fig).



Shivaprabha S  
VIII-A

### THE FIBONACCI SEQUENCE

Mathematics has a fascinating connection with art, particularly through concepts like the Fibonacci series and the Golden Ratio.

#### Fibonacci Series

The Fibonacci series is a sequence of numbers where each number is the sum of the two preceding ones, starting from 0 and 1. The sequence goes: 0, 1, 1, 2, 3, 5, 8, 13, 21, and so on.

#### In Art:

**Spirals:** The Fibonacci sequence is often used to create spirals that are visually pleasing. Artists and designers use these spirals to structure their compositions, as they naturally draw the viewer's eye along the curve.

#### Composition:

Artists often divide their canvases or arrange elements of their works according to the Golden Ratio, creating compositions that feel balanced and natural. For example, the positioning of the horizon in landscape paintings or the placement of key elements in portraits might follow this ratio.



**Proportions:** The ratios of consecutive Fibonacci numbers approximate the Golden Ratio (1.618...), which is considered aesthetically pleasing. These ratios are often used to determine the proportions in artworks, ensuring balance and harmony.

**Golden Ratio:** The Golden Ratio, approximately 1.618, is a proportion that has been deemed visually attractive for centuries.

**Architecture:** The Golden Ratio is also found in architecture, with famous buildings like the

Parthenon in Athens and the pyramids of Egypt incorporating this proportion in their design.

#### Examples in Famous Artworks

**Leonardo da Vinci's "Vitruvian Man":** This drawing is a perfect example of the Golden Ratio in human proportions.

**Salvador Dalí's "The Sacrament of the Last Supper":** Dalí used the Golden Ratio to structure this painting, giving it a harmonious and balanced composition.

**Michelangelo's "David":** The proportions of this sculpture are said to follow the Golden Ratio, contributing to its aesthetic appeal.



In conclusion, the Fibonacci series and the Golden Ratio are powerful tools in art, guiding the creation of visually appealing and harmonious works. Whether consciously or subconsciously, artists have been using these mathematical principles for centuries to create art that resonates with viewers.



Aswath Kumar.SP  
IX-A



## RACK 'N' ROCK

Sum of apple and orange is 42.  
 Sum of apple and banana is 32.  
 Sum of grape and orange is 28.  
 The value of banana is given as 15.  
 Using these hints find the value of orange.

$$\begin{aligned}
 \text{Apple} + \text{Orange} &= 42 \\
 \text{Apple} + \text{Banana} &= 32 \\
 \text{Grape} + \text{Orange} &= 28 \\
 \text{Banana} &= 15 \\
 \text{Orange} &= ?
 \end{aligned}$$



Samrutha.R  
IX-A

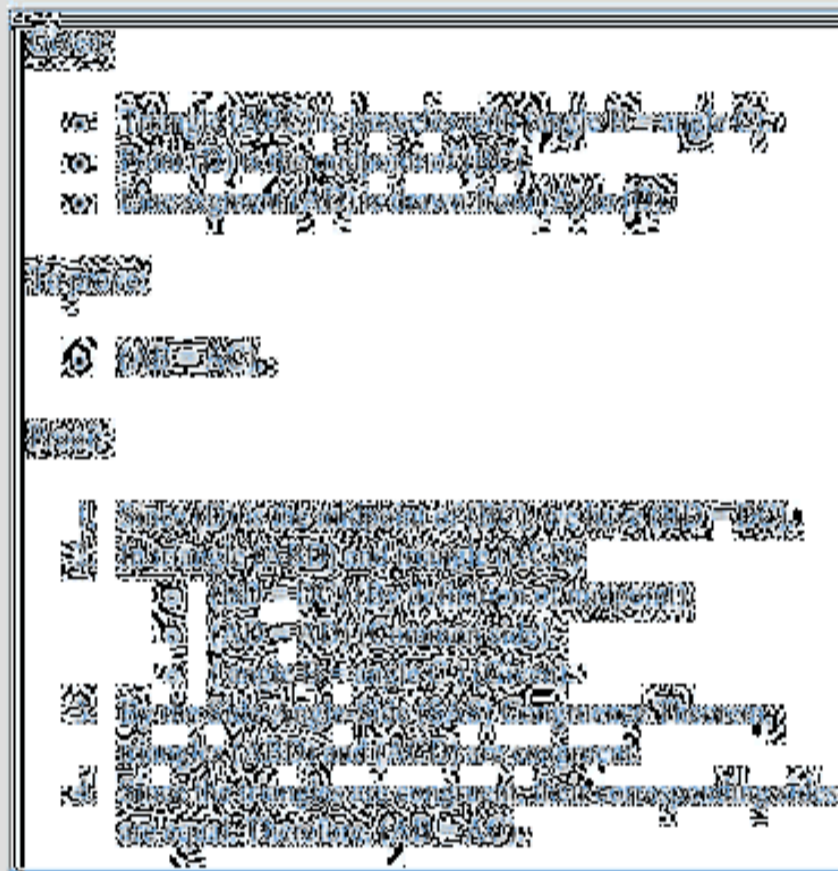
## "THE DANCE OF INFINITE NUMBERS"

In the heart of a numeric night,  
 Where numbers twirl in soft twilight,  
 From simple sums to grand designs,  
 In math's vast realm, the magic shines.  
 Equations balance, secrets unfold,  
 In algebra's grasp, stories are told,  
 Symbols sing their coded tune,  
 Underneath a silver moon.  
 Pi's precision, endless and true,  
 Circles' grace in every hue,  
 Triangles whisper, shapes align,  
 A geometric waltz so fine.  
 Prime numbers stand alone,  
 In purity, their elegance shown,  
 Fractals swirl in chaotic flight,  
 Patterns emerge in soft moonlight.  
 Through proofs and graphs, the journey spins,  
 In every number, a universe begins,  
 The dance of math, both vast and grand,  
 In its beauty, we understand.



Kalluri Niharika  
IX-A

## THE SO CALLED 'ISOSCELES'



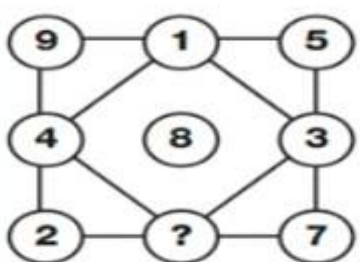
The king was delighted with the elegant proof using the Isosceles Triangle Theorem and rewarded the young architect with gold coins. The palace was named "The Isosceles" in honor of the perfect design.



Divisha  
IX-B

## MATH-A-MAGIC

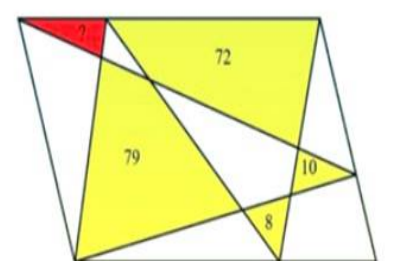
Mathematics can be fun if you treat it the right way. Maths is nothing less than a game, a game that polishes your intelligence and boosts your concentration. Compared to older times, people have a better and friendly approach to mathematics which makes it more appealing. The golden rule is to know that maths is a mindful activity rather than a task.



- 1) Replace the question mark in the above problem with the appropriate number.
- 2) 3 Friends went to a shop and purchased 3 toys. Each person paid Rs.10 which is the cost of one toy. So,

they paid Rs.30 i.e. total amount. The shop owner gave a discount of Rs.5 on the total purchase of 3 toys for Rs.30. Then,

- from Rs.5, Each person has taken Rs.1 and remaining Rs.2 was given to the beggar beside the shop. Now, the effective amount paid by each person is Rs.9 and the amount given to the beggar is Rs.2. So, the total effective amount paid is  $9 \times 3 = 27$  and the amount given to beggar is Rs.2, thus the total is Rs.29. Where has the other Rs.1 gone from the original Rs.30?
- 3) Find the area of the red triangle. Finding area of red triangle -



K.Deepikashree  
IX-C



Did You Know?

What comes after trillion??

MILLION  
BILLION  
TRILLION  
...  
???

1	Million	$10^6$
2	Billion	$10^9$
3	Trillion	$10^{12}$
4	Quadrillion	$10^{15}$
5	Quintillion	$10^{18}$
6	Sextillion	$10^{21}$
7	Septillion	$10^{24}$
8	Octillion	$10^{27}$
9	Nonillion	$10^{30}$
10	Decillion	$10^{33}$

MAGIC SQUARE

47	58	69	80	1	12	23	34	45
57	68	79	9	11	22	33	44	46
67	78	8	10	21	32	43	54	56
77	7	18	20	31	42	53	55	66
6	17	19	30	41	52	63	65	76
16	27	29	40	51	62	64	75	5
26	28	39	50	61	72	74	4	15
36	38	49	60	71	73	3	14	25
37	48	59	70	81	2	13	24	35



Mukhil Vendhan  
IX-D

SOLVE THE PUZZLE

4	6	3	5
24	576	15	?

Answer: 225

64	5	81	7	?	4
40	63	16			

Answer: 16

FACTS AND FACTOIDS

- Real-life Problem Solving with Linear Equations:** Students can calculate their phone bill or find out how long it takes to walk to school.
- Geometry Construction:** Students get creative building perfect triangles and shapes using just a compass and ruler.
- Data Collection and Analysis:** Students survey classmates about favorite snacks and use statistics to find the class favorite! Students use these methods to find out the most favorite snacks, most favorite students etc.,
- The word 'Polynomial' comes from 'poly' meaning many and 'nomial' meaning terms!** So, a polynomial literally means many terms.
- The first person to use coordinates was René Descartes, who connected algebra and geometry in the 1600s.** That's why it's called the Cartesian plane!
- Linear equations are like GPS directions—if you follow the line, you'll always end up at the right spot.**

Mithran.S  
IX-C



THE SIXES CHALLENGE!!

HOW TO SOLVE?

Using exactly four sixes, add arithmetical symbols between the sixes to make each of the target numbers. You may use plus, minus, times and divide symbols as well as parentheses and brackets for grouping.

- 6 6 6 6 = 5
- 6 6 6 6 = 6
- 6 6 6 6 = 8
- 6 6 6 6 = 24
- 6 6 6 6 = 30
- 6 6 6 6 = 48
- 6 6 6 6 = 66
- 6 6 6 6 = 180



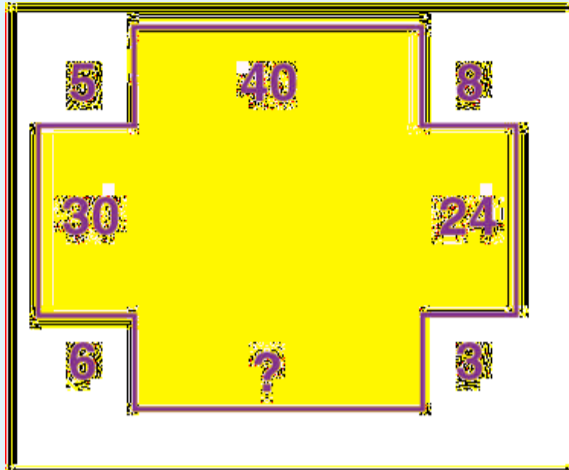
Dhanyashri M  
VIII-A



Inry Tushar  
IX-D

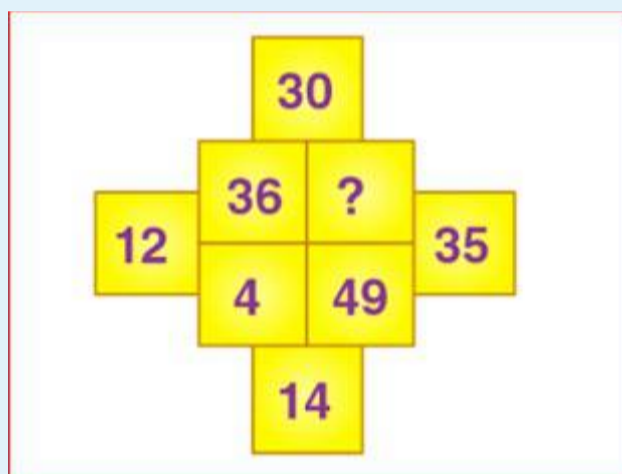


PUZZLES



A Vivin Kanishk  
VIII-A

What can be added in place of a question mark?



State level Abacus and Mental  
Arithmetic competition



Heartiest congratulations to Kaviya Sai sree of Grade 4 for winning the fourth prize in the 18th Tamil Nadu state level Abacus and Mental Arithmetic competition 2024 organised by Ideal play abacus India.

16	18	17
22	28	25
36	42	39
54	64	?



Adikeshav.v  
IX-A

**Explanation:**

1<sup>st</sup> Row:  $(16+18) = 34 \div 2 = 17$  2<sup>nd</sup> Row:  
 $(22+28) = 50 \div 2 = 25$   
3<sup>rd</sup> Row:  $(36+42) = 78 \div 2 = 39$   
4<sup>th</sup> Row:  $(54+64) = 118 \div 2 = 59$

**Correct answer: 59**



Heartiest congratulations to Shivani of Grade 4 for winning the Gold prize in the All India abacus and Mental Arithmetic competition 2024 organised by Unik Concept Mental Arithmetic Skill.



## INDIAN ABACUS OLYMPIAD -



Congratulations to Kashni.P for winning Near to winner award in 5th Indian abacus Olympiad - 2024.

## WORLDWIDE BOOK OF RECORDS



Heartiest congratulations to Master. Thaarinesh Prapanna for achieving the world record of fastest to write 2 to 20 multiplication tables in 13 minutes for the worldwide book of records.

## OLYMPIAD CHAMPIONS



BALA DHARSHAN.S (7B) STATE LEVEL CHAMPION



AARADHANA .S (9A)  
IMO Gold medal

Our students have once again demonstrated their remarkable brilliance on a national stage by achieving top positions in a range of prestigious Olympiad exams. A heartfelt congratulations is in order for the following students, whose exceptional



VIKHRAN. R  
GRADE XI B  
SOF -Gold medal



SARAVANA KRISHNAN.L (IX)  
IMO Math Olympiad gold medalist



JHANAVARSHAN . N (9A)SIP abacus prodigy competition in state's 1st runner up and national's 2nd runner up

problem-solving skills and intellectual prowess have set them apart in these highly competitive arenas. Their impressive performances not only highlight their individual talents but also reflect the rigorous preparation and dedication fostered at our school. These accolades are a testament to their hard work and a source of pride for our entire academic community.



D SUBASHINI VIII  
OLYMPIAD -GOLD MEDAL



ARUN PRABHU S VI  
OLYMPIAD -GOLD MEDAL



K.SAHANA VI C  
NATIONAL LEVEL  
ABACUS CHAMPION



PARTHIBAN M  
BEST STUDENT MATH  
AWARD

Their success in the Olympiads reflects not only their deep understanding of complex concepts but also their ability to apply their knowledge creatively and effectively. These competitions are known for their rigorous standards, and our students' achievements highlight their commitment to academic excellence.



## THE IMPORTANCE OF “MATH LAB” IN SCHOOLS

"In the Math lab, equations come to life, and problem-solving becomes a journey of discovery."

A Math lab is an invaluable asset in modern education, transforming the traditional approach to teaching Mathematics into an interactive and engaging experience. Unlike standard classroom settings, where Mathematics is often presented through abstract concepts and rote memorization, a Math lab provides students with a hands-on environment to explore and understand Mathematical principles in a tangible way.

Many activities in a Math lab are designed to be completed in groups. Collaborative tasks promote teamwork, communication, and the sharing of ideas, which enhances students' learning experiences and helps them develop social and cooperative skills.

In a Math lab, students often work independently or in small groups, which fosters self-directed learning. Students learn to take initiative, manage their time, and develop self-confidence in their problem-solving abilities.

By developing a strong foundational understanding, students are better equipped to tackle higher-level Math and STEM subjects in the future.

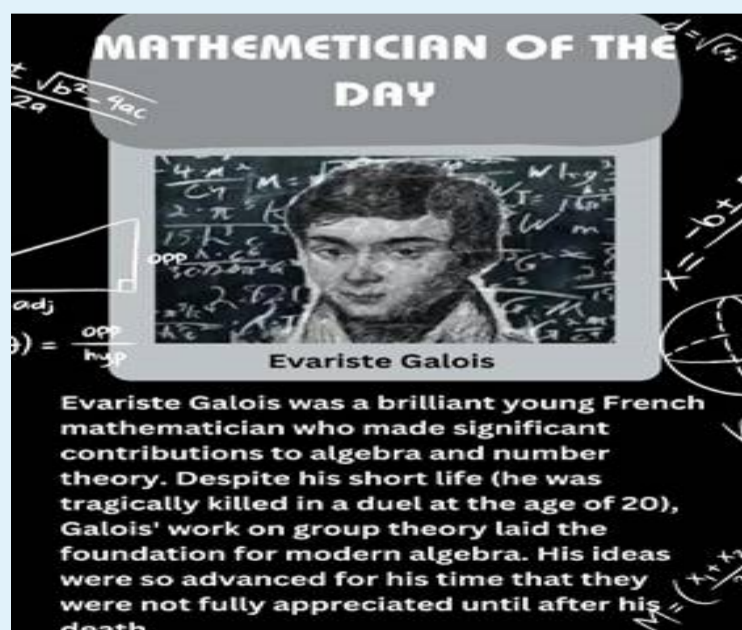
Moreover, Math labs make learning more engaging and enjoyable. The interactive nature

of the lab transforms Mathematics from a static subject into an exciting and dynamic experience. Students are more likely to be motivated and enthusiastic about learning when they can actively participate in their education. This positive attitude towards Mathematics can lead to improved performance and a greater willingness to tackle challenging problems.

I conclude, a Math lab is a valuable educational resource that enhances the learning experience by providing hands-on, interactive, and engaging activities. It supports diverse learning styles, fosters problem-solving and collaboration, and connects Mathematical concepts to real-world applications. By incorporating a Math lab into the school curriculum, we, the educators can significantly improve students' understanding, interest, and confidence in Mathematics.



Ms. Hemavathi M  
Class Teacher-VI'C'



Lalith Kishore  
IX-A



Jhanavarshan.N  
IX-A



SMART KID ABACUS  
LEARNING



Heartiest congratulations to Shivanya of Grade 2 for winning the second prize in state level competition of abacus and mental arithmetic programme organised by Smart Kid Abacus Learning.

EXPLORING MATHEMATICS THROUGH PLAY: THE IMPACT OF THE  
GAME LAB AT SRM SCHOOL



At SRM School, we are always looking for innovative ways to make learning engaging and effective. Recently, our Game Lab became a focal point of this approach when students from the UK visited our school and experienced firsthand how mathematics can be taught through games. This event not only highlighted the importance of interactive learning but also underscored the role of our Game Lab in transforming mathematical education.



## QUANTUM COMPUTING

Technology decide, design and lead the world. Quantum computing is a superior form of computing that gear the principles of quantum mechanics. It is a multidisciplinary field comprising aspects of computer science, physics, and mathematics. It is a rudimentary speculation in physics that describes the nature of energy and matter at the atomic and subatomic level that studies the behaviour of particles at a microscopic level and is a landmark for the future.

It was first proposed by an American physicist Richard Feynman and Soviet mathematician Yuri Manin, but the actual term "quantum computing" and the theoretical foundation were developed by David Deutsch, a British physicist, in 1985. Deutsch formulated a universal quantum computer and demonstrated that it could simulate any physical process.

It is still in its early stages of development, but is being explored for a variety of potential applications across several fields:

Quantum computers could break current encryption methods by efficiently factoring large numbers, which classical computers struggle to do and possibility of creating unbreakable codes through quantum key distribution. It can simulate molecular structures at a quantum level, helping to discover new drugs, materials, and chemical reactions more efficiently than classical computers. By analysing complex genetic and molecular data, quantum computers could allow for more tailored medical treatments, optimize resource distribution and agricultural processes, leading to higher yields and more sustainable farming practices, improve climate prediction models, helping to better understand and mitigate the effects of climate change on agriculture.

Quantum algorithms significantly accelerate machine learning processes by handling and processing large data sets more efficiently. They will enable the development of more advanced AI and machine learning models, potentially leading to breakthroughs in automation and data analysis lead to the creation of advanced educational tools that provide personalized learning experiences, solve complex problems in

## Science...

fields like mathematics, physics, and chemistry, pushing the boundaries of academic research, drastically improve risk assessment and decision-making processes, particularly in finance and supply chain management, provide more accurate financial market predictions, lead to shifts in job markets and economic power, particularly in sectors heavily reliant on computing, leading to better resource management and reduced costs, enable more sophisticated analysis of social media data, improving targeting and personalization.

Physicists speak of reality in terms of particles and waves. What the Vedas call *Paramanu*, literally meaning 'universal atom' and *vrittis*, literally meaning 'mind waves.'

Quantum theory will not look ridiculous to people who have read Vedanta.” ~Werner Heisenberg, German Nobel Prize-winning physicist.

Quantum computing is still an emerging field, and while it's full potential is yet to be realized, it promises to revolutionize various aspects of technology, society, and industry. Its impact could be as profound as that of classical computing, if not more so, in the coming decades. The trend of Technology for growth and development and sustainability changed into technology for fashion. Millions of Homo sapiens master piece of multiple intelligence is providing active mode to the world now but in near future this Homo sapiens will be silent mode, the remote of world will be under a few quantum computers.



A. Mohanadhas.  
HOD-Science



## INSIGHTS FROM ANCIENT INDIAN ACHARYAS

### Contributions of Ancient Indian Acharyas

India's rich scientific heritage includes the contributions of several Acharyas who made significant advances in the fields of biology and medicine:

**Acharya Sushruta (600 BCE):** Known as the "**Father of Surgery**," Sushruta authored the Sushruta Samhita, a comprehensive text on surgical procedures and human anatomy. His work laid the foundation for the study of anatomy and surgery, which are critical aspects of modern biology.

**Acharya Charaka (300 BCE):** Often referred to as the "**Father of Indian Medicine**," Charaka's Charaka Samhita is a foundational text of Ayurveda. It provides in-depth insights into human physiology, pathology, and preventive medicine, offering principles that remain relevant in contemporary medical practice.

**Acharya Patanjali (200 BCE):** While primarily known for his **contributions to Yoga**, Patanjali also explored the intricate relationship between mental and physical health. His teachings emphasize the importance of psychological well-being as a component of overall health, a concept that is increasingly recognized in modern biology.

**Acharya Nagarjuna (2nd Century CE):** A pioneering **scholar in Ayurveda and chemistry**, Nagarjuna's work in Rasayana (alchemy) contributed to the early development of pharmacology. His exploration of medicinal plants and metals has had a lasting impact on the field of drug discovery and therapeutic practices.

**Acharya Jivaka (6th Century BCE):** A renowned physician of his time, Jivaka made significant contributions to **the understanding of medicinal plants and holistic healing**. His emphasis on balancing the body's biological energies (doshas) reflects a deep understanding of the principles of health and disease.

As Indians, we can take pride in the fact that our ancestors, over 4000 years ago, were able to acquire profound knowledge without the aid of technology or a convenient resource like 'Google' which is relevant even today!!

The profound insights of ancient Indian Acharyas have had a lasting influence on the fields of biology and medicine. Their holistic approach to understanding the human body and its relationship with the natural world continues to resonate in modern scientific practices. As we advance in our understanding of biological sciences, the wisdom of these ancient scholars offers valuable lessons that can enhance our approach to health, medicine, and environmental stewardship.

In a rapidly evolving world, it is essential to acknowledge and honor the contributions of these Acharyas. Their work not only laid the groundwork for future scientific inquiry but also serves as a reminder of the importance of integrating traditional knowledge with modern science to address contemporary challenges.



MS. Ambili K R  
Secondary School Biology Teacher



### MYSTERY CAFE - HBC



A burn patient may undergo treatment for burns and infections in a hyperbaric chamber, a device in which pressures can be obtained that are two to three times greater than atmospheric pressure.

A greater oxygen pressure increases the level of dissolved oxygen in the blood and tissues, where it fights bacterial infections. High levels of oxygen are toxic to many strains of bacteria.

The hyperbaric chamber may also be used during surgery, to help counteract carbon monoxide (CO) poisoning, and to treat some cancers.

The blood is normally capable of dissolving up to 95% of the oxygen. Thus, if the partial pressure of the oxygen in the hyperbaric chamber is 2280 mmHg (3 atm), about 2170 mmHg of oxygen can dissolve in the blood where it saturates the tissues.

In the treatment for carbon monoxide poisoning, oxygen at high pressure is used to displace the carbon monoxide CO from the hemoglobin faster than breathing pure oxygen at 1 atm.



Mr. D. Venkata Subramanian  
Senior Secondary Chemistry Teacher

### Riddles about you

- I have dozens of power stations, a transportation system, a sophisticated communication set up.
- I have ten millions of electrical connections and can handle 1.5 million simultaneous messages.
- I water on winter days, sneeze at the wrong time, clog with a clod, tend to get smashed in accidents.
- I am only 10 centimeters long and weigh but 56 grams, and I usually stay out of sight.
- I am that pinkish, butterfly-shaped gland that straddles the windpipe just below Adam's apple.
- I have no muscles and hence play a passive role in breathing.
- My existence with embarrassing rumbles, crampy pain, overactivity at one time, underactivity at another. I am eight – metre-long intestinal tract.
- I weigh one and half kilos. Protected by ribs, I pretty well fill the upper right part of my abdomen.



Ms. G. Santhana Lakshmi  
Primary Teacher

Answers  
a. cell  
b. eye  
c. nose  
d. tongue  
e. Thyroid  
f. Lungs  
g. Intestine  
h. Liver

### THE WORLD'S FASTEST MICROSCOPE

- Ø Scientists have invented the world's fastest microscope that can actually see electrons moving.
- Ø The world's newest, fastest microscope can capture the motion of an electron at the attosecond scale.
- Ø This new technology helps us understand tiny, super-fast processes in ways we couldn't before.

How Does It Work?

- Ø Traditional microscopes can't see electrons move because electrons move incredibly fast, almost at the speed of light.
- Ø The new microscope uses ultrafast lasers to take super quick snapshots, like a high-speed camera, to capture the motion of electrons.
- Ø These lasers send out very short bursts of light that make electrons move, and the microscope takes rapid pictures, creating a "movie" of their movements.

Why is This Important?

- Ø **Understanding Quantum Mechanics:** Electrons behave in strange ways that are hard to understand. By watching them move, scientists can learn more about the rules of quantum mechanics, which is the science of very small particles.
- Ø **Studying Chemical Reactions:** Chemical reactions involve electrons moving between atoms. By watching these movements, scientists can understand how reactions happen, which can help improve medicines, batteries, and other technologies.
- Ø It lets scientists see and understand the invisible and incredibly fast world of electrons, leading to new discoveries and innovations in many fields.



Ms. Athi Lakshmi R  
ScienceTeacher



**Chemistry** is a truly fascinating science. The subject often involves complex formulae, intricate reactions and detailed scientific concepts that can be challenging to understand. However, with the right mindset and approach, studying chemistry can be fun with interesting facts like glass is an amorphous solid, Mars is red because its surface contains a lot of iron oxide, etc.



**Embrace the subject:**

The subject can seem to be tricky to many. Erase all such negativity from your mind and block the thought of hating the subject. When you do it, you will start enjoying chemistry.

**Take smaller steps:**

Make daily routines to read the subject in smaller portions and ensure you are not breaking the cycle to master the basics while learning. Appreciate yourself for the progress you are making. This process will help you become a great learner.

**Trying to understand the basics first:**

It will further help you in understanding principles and knowing their application otherwise you will find it challenging to understand the advanced topics in the subject.

**Visualize everything while studying:**

While reading, try to visualize everything and make sure you have a powerful memory. It will help you make the logic with similar situations and let you deliver your expectations.

**Use Mnemonics:**

To memorize things better for complex concepts.



**Make a peer group learning plan:**

Overall, studying chemistry can be an incredibly rewarding experience for students of all ages in future. As it not only open up new career opportunities and provide a deeper understanding of the world around us, but it also gives us a better appreciation of everyday things like healthy food, clean air and water, clothing, shelter, soil and our own body, among other things.

**Easy Way to Remember Reactivity Series**

Potassium	Please
Sodium	Stop
Calcium	Crying
Magnesium	Mom
Aluminium	Always
Carbon	Cooks
Zinc	Zesty
Iron	Italian
Tin	Tacos
Lead	Let's
Hydrogen	Have
Copper	Crunchy
Silver	Snacks &
Gold	Grab
Platinum	Pizza.

More Reactive ↑  
Less Reactive ↓

No. of carbon atoms	Mnemonic	Chemical Formula
1	Mummy	Met-
2	Eats	Eth-
3	Peanut	Prop-
4	Butter	But-
5	Pancake	Pent-
6	Happily	Hex-



Ms.G.Ramadevi  
Secondary School Teacher

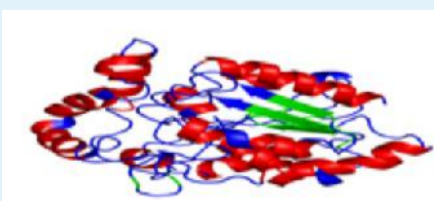
## BIOINFORMATICS

**Bioinformatics** is a field of science that develops methods and software tools for understanding biological data, especially when the data sets are large and complex.

Integration of biology with the computer (Using AI) will take to the next level of Science Technology.

**Bioinformatics** involves processing, storing and analysing biological data. This might include:

- Creating databases to store experimental data
- Predicting the way that proteins fold up



- Modelling how all the chemical reactions in a cell interact with each other.



**INSILICO AREAS OF BIOINFORMATICS**  
Computational Biology

- Comparative Homology Modelling
- Phylogenetic analysis
- Protein structure prediction
- Protein Folding problem



- Micro Array Analysis
- Docking & New Drug discovery

### PROTEOME:

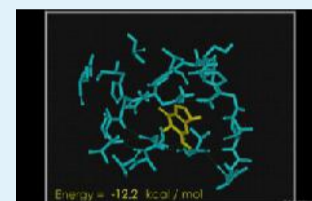
**Protein** sequence analysis and structure prediction is done only with the help of Bioinformatics tools and software. They are **PyMOL, RasMol, PDB, PIR, ExPaSy, I-TASSER, etc.,**

### GENOME:

As like protein, **Genomes** are also predicted structurally by Bioinformatics tools and software. They are **BLAST, ClustalW, T-Coffee, PHYLIP, GenScan, TB Tools, GeneMarker, etc.,**

### CHEMOINFORMATICS:

The computational analysis of chemical and biochemical data. **Big databases of drug information can help scientists develop new drugs**, by providing examples of chemicals that target a certain protein. To study and understand the function of chemical system by using **QSAR, docking, MD simulation, and pharmacophore modelling.**



## BIOINFORMATICS CAREER

Develop your carrier .....as

SCIENTIST , RESEARCH ASSOCIATE

PROF. READER & LECT. IN UNIV /COLLEGE

TECHNICAL EXECUTIVE IN BUSSINESS & DEV

DATA ANALYST IN SCIENTIFIC ORG & LAB

BIO-SOFT DEVELOPER IN IT INDUSTRY



Ms. Vasanthakumari J  
Lab Incharge

## OUR SPACE

### Unique Facts about our Planets

**Mercury:** It is the 1<sup>st</sup> planet and smallest planet in our Solar System. It take 88 Earth days to revolve around the Sun.

**Venus:** It is the 2<sup>nd</sup> and hottest planet in our solar system. Venus is the slowest spinning planet and it takes 243 Earth days for rotation.

**Earth:** It is our own planet and called as Home or Mother Planet, it is the 3<sup>rd</sup> planet. Earth is covered with 69% of water and 31% of land.

**Mars:** It is the 4<sup>th</sup> planet and 2<sup>nd</sup> smallest planet in our solar system. Mars is known as Red or Rusty planet. **Mars has 2 Moons by name Phobos and Deimos.**

**Jupiter:** Jupiter is the largest planet in our solar system and it is the fastest spinning planet. It is also known as King Planet. **Jupiter has 79 Moons and its largest moon is Ganymede.**

**Saturn:** It is the beautiful planet in our solar system and it has visible rings made of rocks, Ice and dust. **There are 82 Moons in Saturn.**

**Uranus:** Uranus is the coldest planet and known as Ice Giant. It is the only planet that spins upside down. **There are 27 Moons in Uranus.**

**Neptune:** It is the farthest planet and coldest planet in our solar system. Neptune has 14 Moons and Titan is the largest Moon.

**Dwarf Planets:** Ceres, Makemake, Haumea, Eris and Pluto.

## SCIENTIFIC FACTS

1. An ice cube takes up about 9 percent more volume than the water used to make it.
2. A lightning strike can reach a temperature of 30,000C or 54,000F.
3. The moon is very hot [224 degrees Fahrenheit average] during the day but very cold [-243 degrees average] at night.
4. The human brain takes in 11 million individual pieces of information per second, but is only cognizant of roughly around 40.
5. An average sized cumulus cloud weighs roughly around a million pounds or the same as world's largest passenger's jet or the same as 80 elephants.
6. Plants don't have any memory but they the ability to recognize their close relatives and upon doing so, they will work alongside each other to grow stronger.
7. On Venus, it snows metal. Two types have been discovered so far: galena and bismuthinite.
8. The earth spins at roughly 100 miles per hour and travels through space at around 67,000 mph.
9. If you drove your car @ 60 miles per hour straight up it would take you just under six months to reach the moon.
10. Ignoring the heat of its core, if you drilled a hole directly through the earth and jumped in, it would take exactly 42 minutes and 12 seconds to reach the other side.



S.V. Arunkumar  
VI- F



Smithun V  
VI -F



## SLEEP SCIENCE

Sleep is not just about resting; it's when your brain gets to work behind the scenes, helping you learn and grow. Scientists have found that sleep plays a big role in how well you do in school, especially when it comes to remembering what you've learned.

### •Stages of Sleep:

#### **NREM Sleep (Non-Rapid Eye Movement):**

- This is the deep sleep stage where your body relaxes, and your brain organizes everything you learned during the day.
- Think of it as your brain filing away important notes from class, so you can remember them later.

#### **REM Sleep (Rapid Eye Movement):**

- This stage is when you dream. Your brain is busy making connections between ideas and solving problems.
- It's like when you finally figure out a tricky math problem in your sleep because your brain kept working on it while you dreamed!

### **What Happens When You Don't Get Enough Sleep?**

#### **Forgetfulness:**

- Without enough sleep, your brain doesn't get the chance to store all the new information properly, making it easier to forget things.

#### **Trouble Focusing:**

- Lack of sleep can make it harder to focus, making schoolwork feel much more challenging.

#### **Health Issues:**

- Not getting enough sleep can also affect your health, making you more likely to get sick or feel stressed out.

### •TIPS FOR BETTER SLEEP

#### **Stick to a Sleep Schedule:**

- Going to bed and waking up at the same time every day helps your body know when it's time to sleep.

#### •Create a Relaxing

#### •Bedtime Routine

- Try reading a book or listening to calming music before bed. Avoid screens (like your phone or TV) because they can keep you awake.

#### **Avoid Caffeine and Heavy Snacks Before Bed:**

- Caffeine (in soda or coffee) and heavy snacks can make it harder to fall asleep, so it's best to avoid them in the evening.

In a nutshell, Getting enough sleep is one of the best things you can do for your brain.

Thus, knowing sleep much better, help you sleep better. By making sleep a priority, you'll be better prepared to learn, remember, and succeed in school.



Saikruthi  
VI -F

## WHY I ADORE SCIENCE

I love Science,  
Because it's the medicine for our pains.  
Science is divided into Physics, Chemistry, Biology,  
I would like to gift all its branches an eulogy.  
Physics is concerned with all aspects of nature,  
It unlocks the secrets of our future.  
Scientific study of the properties and behavior of  
matter is Chemistry,  
It helps us find solutions to the hidden mystery.  
Biology gives us a thorough understanding of  
lives,  
That's why Science always thrives.



Kashvi  
VIII-B

## TRUE SCIENCE

1. An ice cube takes up about 9 percent more volume than the water used to make it.
2. A lightning strike can reach a temperature of 30,000 C. or 54,000 F.
3. The moon is very hot (224 degrees Fahrenheit, average) during the day but very cold (-243 degrees average) at night.
4. The human body contains around 37.2 trillion cells.
5. Your heart beats about 100,000 times a day.
6. Humans shed about 600,000 particles of skin every hour.
7. The average human will produce enough saliva in their lifetime to fill two swimming pools.
8. Your stomach gets a new lining every three to four days.



Kathiravan.S  
VIII-B



## LIFE ON MARS

Four and a half billion years ago, a rock was formed on Mars by some volcanic process. Half a billion years later, this rock was broken into smaller pieces by a meteorite impact nearby. Some ground water also entered the rock. 16 million years ago, an asteroid hit Mars somewhere near where this rock was. The impact threw pieces of the rock into space. One 2 kilogram piece of rock orbited the Sun until 13,000 years ago, when it came close to the Earth. This piece crashed onto an Antarctic glacier. Over 13,000 years, it reached the Allan Hills region of Antarctica, buried inside the ice. In 1984, this meteorite was discovered and named ALH84001.



This year, a team led by David McKay of the American space organization NASA, suggested that there seemed that there seemed to be signs that life may have existed on this rock in some bygone era. The meteorite has some organic molecules, of the same family as naphthalene (which is used in mothballs). When bacteria decay, such compounds are produced. Many meteorites do have such compounds. On the other hand, almost all earth bacteria are 100 times larger than this material. The meteorite may contain very small fossils (less than hundred millionth of a millimeter). Nanobacteria are this size.

In 1961, another meteorite was found to have signs of life. But soon these were discovered to be grains of pollen and particles of furnace ash. The signs of life turned out to be from Earth itself. This could be the case for the Antarctic meteorite too. What makes scientist more hopeful is that some of these items mentioned are within cracks, and the cracks could only have been formed before the meteorite came to rest in Antarctica. But maybe they landed in the lifeless part of Mars. Or maybe bacteria were present on Mars millions of years ago, but aren't there now. Scientists are looking at ALH84001 very, very carefully. And even US President Bill Clinton has promised support for a new NASA spacecraft to Mars.

## LIFE ON MARS

So there is flowing water on the mars planet  
That is a prerequisite for life to survive on it  
Will it be little green men who are very clean  
Or just amoebas that are part of the Martain scene  
Now we are all interested as SETI has done  
To find life on the other planets as nature has won  
What we will find will continue to the mystery  
Of what god has created in the universe 's history .

## THE HISTORY OF COCA COLA

Coca -cola was originally invented by John styth Pemberton, a pharmacist in Atlanta, Georgia, U.S.A. In 1886 ,he made up a new kind of medicine to cure tiredness and headaches .Two of the most important ingredients at that time were coca leaves and Kola nuts and that's how the drink got its name . The famous Coca -cola logo was created by John



Chris Chandra J  
VI-F

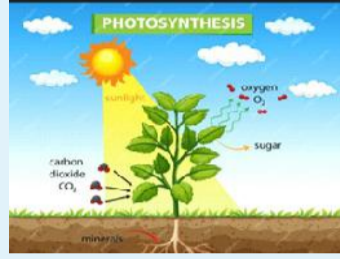


Poornima.A  
VIII-B

# Science...

## PHOTOSYNTHESIS AND ITS ENVIRONMENTAL ROLE

Photosynthesis is a chemical process that occurs in some organisms when exposed to sunlight converting light energy to chemical energy. This process is important in environmental science because it introduces energy into ecosystem and it can be affected by factors like temperatures and the amount of carbon dioxide.



Photosynthesis allows organisms to build carbohydrate molecules that contains energy that living things need to survive. When organism's breakdown food, the energy stored in these molecules is released, which cell can then use to perform work like movement.

Different types of plants have different optimal temperatures for photosynthesis. For example, plants that live in deserts have a higher optimal temperature than plants in the taiga. As a plant approaches its optimal temperature , the rate of photosynthesis doubles for every ten degree increase in temperature , However , if the temperature goes above optimal , the proteins needed for photosynthesis lose the shape and can no longer function , causing the rate of photosynthesis to decline.



R.Surya  
VI-F

Pemberton's book keeper ,Frank Manson Robinson ,in 1885.

Pemberton sold the first glass on May 8,1886. But it tasted revolting , and as a result almost everybody wanted to buy it. In the first year ,Pemberton only made 50 dollars form it .

Then a business man called Asa Griggs Candler bought the recipe in 1887and advertised it ,not as a medicine but a refreshing drink. All he did was mix it with water and carbon dioxide!. During the second world war, American soldiers drank three million bottles of coca-cola a day .



## RIDDLES

1. What did the orange squash say to the water?  
"I am diluted to see you".
2. How did the glow worm feel when someone stepped on their tail?  
De-lighted
3. What do lions say before they start hunting?  
"Let us prey".
4. Why do gorillas climb trees in the jungle?  
There's nothing else to climb in the jungle.
5. What's a spaceman's favorite meal?  
Launch.
6. What pet is always found on the floor?  
A carpet.
7. What kind of nut do you hang pictures on?  
Walnut.
8. Why do bees have sticky hair?  
Because they have honeycombs.
9. Which pets make the most noise?  
Trumpets
10. What's orange and sounds like a parrot?  
Carrot.
11. What part of a car is the laziest?  
The wheels. They're always tired.



Blessy Edlyn.J  
VII-D

## SCIENCE FACTS

1. The Human Body Glows in the Dark
  - Humans emit light, or bioluminescence, which is not visible to the naked eye.
2. The Eiffel Tower Can Be 15 cm Taller During the Summer
  - Due to the expansion of iron in heat, the Eiffel Tower can grow up to 15 cm taller during summer.
3. Some Metals Are So Reactive They Can Catch Fire in Water
  - Metals such as sodium and potassium, are so reactive with water that they can ignite and burn fiercely upon contact.
4. Your Stomach Gets a New Lining Every Few Days
  - The lining of the human stomach is replaced every 3 to 4 days to protect it from the acid in the stomach. Without this renewal, the stomach would digest itself.
5. The Moon Is Drifting Away from Earth
  - The Moon is slowly moving away from Earth at a rate of about 3.8 centimeters per year.



Parthiban.M  
VIII-B

## SCIENTIST RESEARCHES TO KNOW THE CULPRIT BEHIND MEGALODON'S DEATH

### MYSTERY UNRAVELED:

Megalodon is considered to be the most dangerous animal in the marine kingdom weighing upto 70 tons. These species died around 10 million years ago. There were no other species in the marine kingdom which could go toe to toe with megalodon. The second largest species in the marine kingdom were the mosasaurus which only weighed upto 30tons. So what were the reasons which scientists discovered as a solution? Let us see!

### LOSS OF PREY SPECIES: A MAJOR FACTOR IN MEGALODON'S EXTINCTION

1. During the pliocene epoch, megalodon's primary prey species, such as:
  - a. Baleen whales (mysticeti),
  - b. Toothed whales (odontoceti),
  - c. Sea cows (hydrodamalis)
  - d. Sea lions (otoaria).
 underwent significant declines or extinctions due to various factors, including:
  1. \*climate change\*: shifting ocean currents, temperature fluctuations, and changes in upwelling patterns affected prey distribution and abundance.
  2. \*evolution of new predators\*: emergence of competitive predators, like killer whales (orcinus orca) and great white sharks (carcharodon carcharias), competed with megalodon for prey.
  3. \*habitat disruption\*: changes in coastal ecosystems, sea-level fluctuations, and tectonic activity altered prey habitats and migration routes.
  4. This loss of prey species reduced megalodon's food supply, making it harder for the shark to survive. As a result, megalodon's populations declined, making it more vulnerable to other extinction factors.



### OTHER SPECIES THAT MAY HAVE CONTRIBUTED TO MEGALODON'S EXTINCTION:

1. Killer whales (orcinus orca): these intelligent and social predators may have competed with megalodon for prey and habitat.
2. Great white sharks (carcharodon carcharias): as megalodon's prey declined, great white sharks may have competed for the remaining resources.
3. Livyatan melvillei: a prehistoric sperm whale with large teeth, livyatan may have competed with megalodon for prey and resources.
4. Pisceatodon: a large, prehistoric sawfish, pisceatodon may have defended itself against megalodon attacks, potentially injuring or killing the shark.

These species may have interacted with megalodon in various ways, including:

- competition for prey and resources,
- predation or defense against megalodon,
- habitat disruption or overlap



Salai Mahaanmiyan V  
VII-F



Certainly! Here's a story illustrating the impact of science: --- **\*\*The Beacon of Progress\*\*** In the small, quiet village of Elmsbrook, nestled between rolling hills and dense forests, life had always been simple. The villagers were known for their traditional ways and close-knit community, but their isolation also meant they faced many hardships, especially when it came to healthcare and agriculture. One autumn, a young scientist named Dr. Lydia Wells arrived in Elmsbrook. She had come to the village to study its unique ecosystem, but she quickly noticed the challenges the villagers faced. Crops were failing due to poor soil quality, and many villagers suffered from preventable diseases due to a lack of medical care. Determined to make a difference, Dr. Wells began her work. She introduced innovative agricultural techniques, including crop rotation and the use of natural fertilizers. These methods, rooted in scientific research, gradually transformed the barren fields into fertile land, yielding bountiful harvests. At the same time, Dr. Wells set up a small clinic in the village. She used her knowledge to create simple but effective treatments for common ailments. She also educated the villagers about hygiene and preventive care, which significantly reduced the incidence of diseases. Months turned into years, and the impact of Dr. Wells' work was profound. The once struggling village blossomed into a thriving community with a stable food supply and improved health. The villagers were no longer burdened by the same difficulties that had once dominated their lives. They had learned to embrace science not as a distant, abstract concept but as a practical tool for solving everyday problems. Dr. Lydia Wells' visit to Elmsbrook became a testament to the power of science to transform lives. Her work had not only improved the villagers' quality of life but had also inspired them to pursue their own scientific curiosities. The village, once isolated and traditional, became a beacon of progress, proving that the benefits of science can reach even the most unexpected places. And so, in the heart of the village, where once stood fields of withered crops and cramped, illness-ridden homes, now stood lush gardens, healthy families, and a community thriving on the fruits of knowledge and innovation. --- This story shows how the application of scientific knowledge can create



Dhvani Bambhaniya  
VIII-A

## MONARCH BUTTERFLY- AERODYNAMICS

The monarch butterfly emerges as a true wonder in science. Its wings, adorned with intricate patterns, hold secrets that captivate scientists and engineers alike.

**The Perfect Balance :** Monarchs strike a balance between lift and drag. Their large, broad wings generate sufficient lift to keep them airborne, while minimizing drag to glide effortlessly through the air.

**Vortex Magic :** As monarchs flap their wings, they create tiny vortices at the wingtips. These swirling air currents enhance lift, allowing them to soar even during long migrations.

**Wing Flexibility :** Unlike rigid airplane wings, monarch wings flex dynamically. This adaptability enables precise control—essential for navigating forests, fields, and urban landscapes.

**Butterfly Effect:** The intricate patterns on their wings serve a purpose beyond aesthetics. They disrupt airflow, reducing turbulence and enhancing stability during flight.

**Solar-Powered Flight:** Monarchs bask in sunlight, warming their wings. This solar energy boosts their flight performance, especially during chilly mornings.

## REFLECTIVE MATERIAL IN THE CRUSTACEANS' EYES

**Beneath the waves, a secret lies in the eyes of crustaceans. Their seemingly transparent eyes hold a remarkable adaptation: reflective structures that defy the ordinary.**

**The Glassy Gaze:** Imagine gazing into the eyes of a tiny crustacean larva. What appears as mere glass holds a hidden treasure. These eyes are camouflaged both by their transparency and their spectral reflection, blending seamlessly with the surrounding light.

**Isoxanthopterin Nanospheres :** The magic lies in isoxanthopterin, a pteridine analog of guanine. These nanospheres, like cosmic pearls, create a glassy reflector. Their size determines the color they emit: smaller orbs reflect blue or silvery light, while larger ones shimmer in green or yellow hues.

Counterilluminating Eyeshine:

The reflective layer overlying the retina produces a counterilluminating eyeshine. It's nature's way of concealing the opaque retina, allowing these young crustaceans to hide from predators in plain sight.



Syed Raihan  
VIII-A



### AMAZING TEN RIDDLES ABOUT SCIENCE

When the son of the water returns to the parent, it dies.  
What is it?

Ans: ICE

I can be hot, I can be cold,  
I can run, and I can be still,  
I can be hard, and I can be soft.  
What am I?

Ans: Water



S. Prakul  
VIII-B

Born in the ocean and white as snow.  
When I fall back to water I disappear without a trace.  
What am I?

Ans: Salt

Which is heavier, a pound of bricks or a pound of feathers?

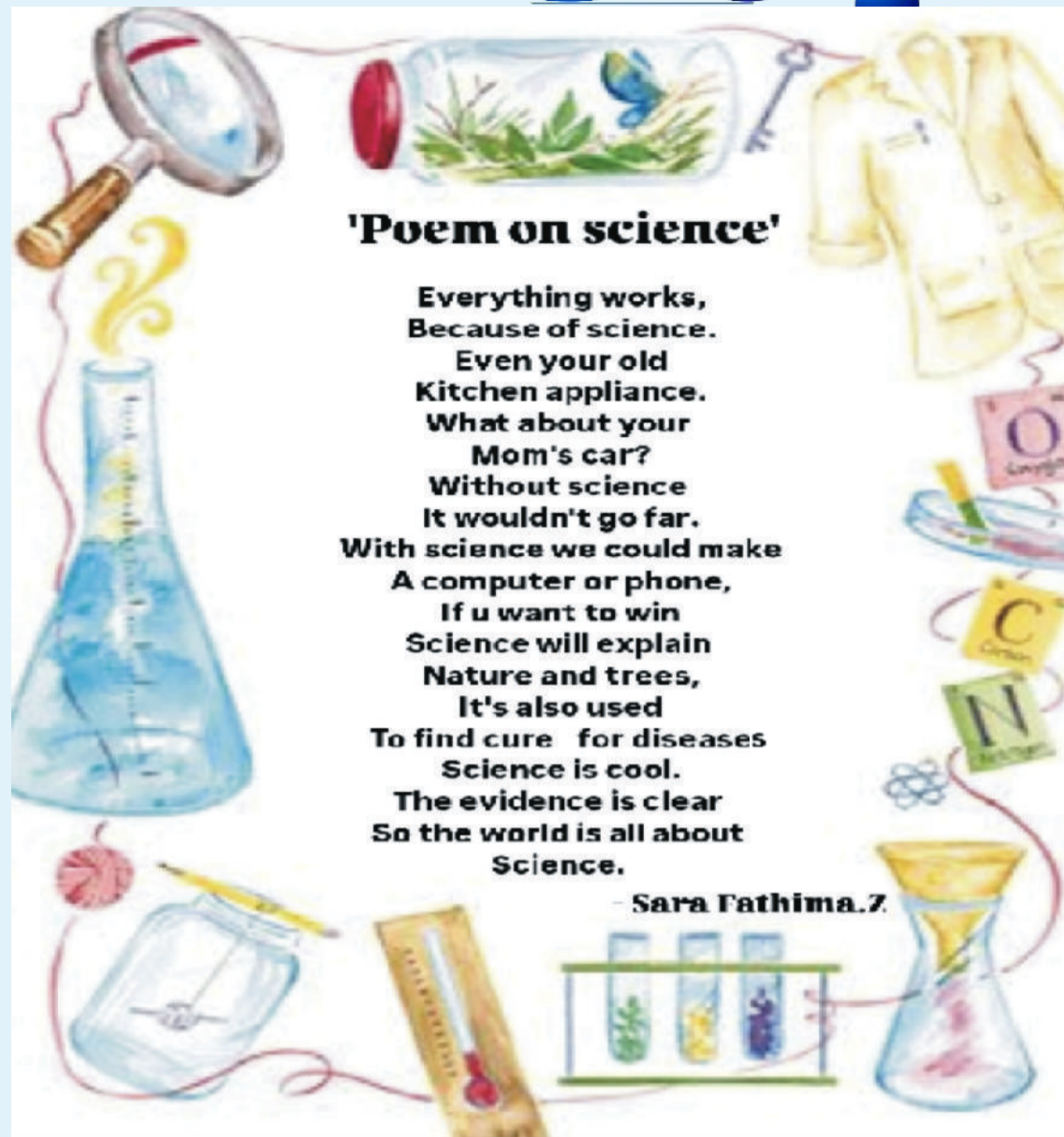
Ans: Both weigh the same because both are one pound.

What is black when you buy it, red when you use it and gray when you throw it away?

Ans: Charcoal

What can eat a lot of iron without getting sick?

Ans: Rust



### MEDICINAL PLANTS AND THEIR USES

Plants are one of the two major groups of living organisms that are an essential entity to the function of the biosphere. As settlements developed, food crops were cultivated, leading to selection of high-yielding cultivated varieties to feed the growing populations. Unlike plants, humans and other animals are unable to manufacture their own food. Therefore, they are dependent, directly or indirectly, on plants. Plants are found in natural ecosystems such as rain forests, and also in agricultural areas and urbanized settings. They are an essential part of our daily lives providing food, clean air, and important ecosystem functions.

#### MEDICINAL PLANTS:

A medicinal plant is any plant which, in one or more of its organs, contains substances that can be used for therapeutic purposes, or which are precursors for chemo-pharmaceutical semi-synthesis, whose parts (flowers, leaves, roots, stems, fruits, or seeds) are directly used or used in some preparation as a medicine to treat a condition or disease.

#### ALOE VERA

- **Skin conditions:** Aloe vera can be applied topically to treat acne, burns, wounds, frostbite, rashes, psoriasis, cold sores, and dry skin.
- **Diabetes:** Aloe vera juice may help lower blood sugar levels in people with diabetes or prediabetes. It may also help the body's cells respond better to insulin.
- **Hair:** Aloe vera gel can make hair stronger and shinier, and can also be used as a hair gel. It can also help get rid of dandruff.
- **Digestion:** Aloe vera juice can be used as a tonic to soothe the stomach and relieve intestinal discomfort and inflammation.

Medicinal Plants And Their Uses				
 Aloe vera	 Tulsi	 Mint	 Coriander	 Basil
 Fenugreek	 Fennel	 Ginger	 Rosemary	 Turmeric



## TULSI:

- **Immune system:** Tulsi can help boost your immune system.
- **Digestion:** Tulsi can help improve digestion and combat diarrhoea and stomach disorders.
- **Stress:** Tulsi can help reduce stress levels.
- **Skin:** Tulsi contains vitamin C and A, phytonutrients, and antioxidants that can protect your skin.
- **Eye health:** Tulsi's anti-inflammatory properties can help prevent viral, bacterial, and fungal infections in the eyes.
- **Oral health:** Tulsi can be used as a natural mouth freshener and oral disinfectant.
- **Kidney stones:** Tulsi can act as a mild diuretic and detoxifying agent.
- **Fever:** Tulsi is an age-old ingredient in ayurvedic medicines and home remedy



Kanishka T  
VII-F

## CONCLUSION:

- **Medicinal plants have many uses and benefits, including:**
  - **Treating disease:** Medicinal plants are a natural resource that can be used to treat a variety of diseases, including persistent ones. In some places, they are a low-cost alternative to other treatments.
  - **Pharmacology:** Medicinal plants have potential for use in pharmacology.
  - **Symbiotic partners:** Medicinal plants may be symbiotic partners that have helped improve human health and extend lifespans.
  - **Economic benefits:** Medicinal plants can be economically valuable, with some reporting profits of USD 53–158 per ton in Indonesia.

## Intra and Inter school competitions:

To encourage a child to develop positive coping skills, self-mastery, learn to navigate and exhibit their sense of achievements, our school imparted a situation to our students to take part in various competitions conducted in schools which portray below:-

CBSE science challenge exam was conducted by CBSE in round 1 & 2 on dated of 24/4/24 & 17/5/24. From our school for round 1, grades 8,9 & 10 all the students and for round 2, the top scorer of the first round 6 students have participated.

The Saveetha Eco School at Poonamallee organised a Live Science Quest competition which was conducted by Berty Ashley on 25/7/24, 18 Students from grade 9 participated and received certificates and Books signed by Berty Ashley.



## Enriched learning activities:

Classes VI to XII students were provided extended learning opportunities to do role play, model making and field trip to make learning more meaningful and valuable. Their experimental works and experiential visits are exposed here.

Class 7 explored the differences between autotrophic and heterotrophic mode of nutrition by role play.



## SCIENTIA –SCIENCE FEST: 24- 25



“The future belongs to those who believe in the beauty of their dreams”, “A journey through innovation and discovery”, to enhance abstract and analytical thinking, to cultivate the self- discipline, organizational skill, self-driven growth, interpersonal relationship and social awareness in the school among the students. we generated a platform to our wards in “SCIENTIA 2024” which made 500 students to participate under various topics from 4 to 7<sup>th</sup> Std. Class wise first, second & third best exhibit were selected and given marks which was added in their respective houses, which was held on 25/8/24 & 26/8/24.

Under the guidance and monitoring of the in charge teachers, students prepared well- designed poster, models and working models and with great confidence and enthusiasm they showcased their exhibits with effective presentation. The best moment of the Scientia are exposed.





## GRATITUDE

Expressing gratitude helps people feel more positive emotions, cherish good experiences, and think more deeply about what they have rather than what they lack. If someone in your life selflessly does something for you and you want to express gratitude, common expressions of thanks might not seem like enough.

If the person has improved your life in a powerful way, it's important to find an approach to gratitude that communicates your utmost appreciation with sincerity. Appreciation, approval, admiration and attention. By incorporating these four elements into your life, you'll boost your own self-esteem -- and that of others



Ms.Jeyashree.R  
HOD - Social Science

## ARE WE REALLY INDEPENDENT?

Seventy-Seven years ago...  
The day our nation broke free from tyranny,  
The day countless souls sacrificed their lives,  
The day that proved: United we stand, divided we fall.

Now Seventy-seven years have passed...  
Do we uphold the values our ancestors fought for?  
Can we truly say we are independent?

Yes, we claim to be free,  
Free to practice corruption,  
Free to propagate casteism and racism,  
Free to support crime and violence,  
Free to exploit the dignity of women.  
Yes, we broke the chains of British rule, but  
Still we remain bound by the chains of  
Caste, religion, corruption and terrorism,  
Shackled by hatred, vengeance, anger, and lust.

Yes, we must celebrate Independence Day,  
But let us also pause and reflect...

**Are we really independent?**

MS.S.Sri Thurcca  
Secondary School SST



## ARCHITECTURAL MARVELS

**Ancient Temples and Monuments:** Indian architecture is renowned for its grandeur and intricacy. Temples such as the Brihadeeswarar Temple in Tamil Nadu and the Kashi Vishwanath Temple in Varanasi showcase intricate carvings and architectural excellence. The Ajanta and Ellora Caves, with their stunning rock-cut temples and monasteries, represent a blend of artistic and religious heritage.

**Mughal Architecture:** The Mughal era brought about a distinct architectural style characterized by grandiose structures and elaborate designs. The Taj Mahal, a UNESCO World Heritage site, is a prime example of Mughal architecture and a symbol of eternal love. Other notable examples include the Red Fort and Humayun's Tomb.

**Colonial Influences:** The British colonial period also left its mark on Indian architecture, introducing new styles and structures. Landmarks such as the Victoria Memorial in Kolkata and the India Gate in Delhi reflect the architectural blend of colonial and Indian elements.

Indian cultural heritage is a testament to the country's diverse and dynamic history. From ancient temples and monumental architecture to rich traditions in art, craft, and performing arts, India's cultural legacy continues to inspire and captivate.

Understanding and appreciating this heritage not only enriches our knowledge about India but also fosters a deeper appreciation for the global tapestry of human culture.

Mr.Selvakumar.H  
Secondary School Teacher





## MARS: THE NEXT FRONTIER FOR SOCIAL INNOVATION

In the vast expanse of space exploration, Mars stands out not only as a potential new home for humanity but also as a catalyst for social innovation. As missions to the Red Planet become increasingly feasible, they promise to reshape not just our understanding of the cosmos but also our approach to social structures, collaboration, and community building. Here's how the journey to Mars might influence social dynamics and inspire new ways of thinking.

### Ø **The Collaborative Spirit of Space Missions**

ü One of the most significant social impacts of Mars exploration is the fostering of global collaboration. Mars missions require unprecedented levels of coordination between nations, private companies, and various scientific communities.

### Ø **Building Communities in Space**

ü As we look toward establishing a human presence on Mars, the concept of community takes on new dimensions. The isolated and harsh environment of Mars will necessitate the creation of close-knit, resilient communities. These Martian habitats will be laboratories for social experimentation, where new forms of governance, social norms, and community structures can be tested.

### Ø **Social and Psychological Impacts**

ü The psychological and social challenges of living on Mars are significant. Astronauts and settlers will face isolation, confinement, and the stress of being far from Earth. These challenges necessitate a focus on mental health and well-being, both for individuals and

for the group as a whole. Strategies developed to support mental health on Mars could have valuable applications for improving psychological support systems on Earth.

### Ø **Inspiration for Earth-Based Social Change**

Mars exploration has the potential to inspire social change on Earth. The excitement and optimism surrounding space missions can serve as a reminder of human ingenuity and the power of collective effort. This sense of possibility can translate into positive social action and innovation in various fields.

### Ø **Ethical Considerations and Social Equity**

As we prepare for human settlements on Mars, it's crucial to consider ethical issues and social equity. The exploration and colonization of Mars should be approached with an awareness of the potential for inequalities and the need for inclusive practices.

The journey to Mars is more than a scientific endeavor; it is a profound opportunity for social innovation and transformation. By examining how Mars missions influence global collaboration, community building, mental health, and technological advancements, we can gain valuable insights into creating more effective and equitable social structures on Earth. As humanity reaches for the stars, we must also look inward to ensure that our social progress keeps pace with our technological achievements.



Sai Charan.R  
VI-F

## MY DREAM VACATION SPOT 'HAMPI'

Hampi: A Glimpse into a Lost Civilization

Hampi, a UNESCO World Heritage Site located in the Indian state of Karnataka, stands as a testament to the grandeur and complexity of the Vijayanagara Empire, one of the most significant and prosperous empires in South Indian history. The site, characterized by its breathtaking ruins, offers a unique window into the architectural, cultural, and political achievements of a civilization that flourished from the 14th to the 16th centuries.

### **Historical Background**

Hampi was the capital of the Vijayanagara Empire, which reached its zenith under the rule of kings such as Krishnadevaraya in the 16th century. The empire, known for its vast wealth, military prowess, and cultural achievements, played a crucial role in shaping South India's history. The empire's decline began with the defeat at the Battle of Talikota in 1565, and Hampi was subsequently sacked by the Deccan Sultanates, leading to its gradual abandonment and eventual obscurity.

### **Architectural Marvels**

Hampi's ruins are renowned for their architectural brilliance, reflecting a blend of Hindu and Islamic styles that arose from the interactions and conflicts of the period. The site is dotted with a plethora of temples, palaces, and marketplaces, each showcasing intricate carvings and grandiose designs. The Virupaksha Temple, dedicated to Lord Shiva, is one of the most prominent structures. Its towering gopuram (gateway) and the intricately carved pillars provide a glimpse into the artistic and religious fervor of the era.

The site's architectural splendor and historical significance continue to captivate scholars, tourists, and history enthusiasts alike. As efforts to preserve and protect Hampi continue, it stands as a poignant reminder of the grandeur of the Vijayanagara Empire and the enduring legacy of its achievements.



Lalit Aadhithya  
XII B



## HUMAN EVOLUTION

Human evolution is the lengthy process of change by which people originated from ape like ancestors. Scientific evidence shows that the physical and behavioral traits shared by all people originated from apelike ancestors and evolved over a period of approximately six million years.



### SEVEN STAGES OF HUMAN EVOLUTION DRYOPITHECUS

While the most recognizable form of Dryopithecus known today had chimpanzee-like limbs and facial features, there were several distinct forms of the species that ranged from small to medium, and even large, gorilla-sized specimens.

### RAMAPITHECUS

Ramapithecus, initially classified as an early hominin Species was discovered during various paleontological excavations in the Siwalik Hills of northern India. The name "Ramapithecus" derived from the locality of Ramnagar, where several fossil remains were found. It is believed to have lived between 14 and 9 million years ago during the Miocene epoch.

### AUSTRALOPITHECUS

The species is one of the best known of our ancestors due to a number of major discoveries including a set of fossil skeleton of a female nicknamed 'Lucy'.

### HOMO HABILIS

Early homo had smaller teeth than Australopithecus, but their tooth enamel was still thick and their jaws were still strong, indicating their teeth were still adapted chewing some hard foods (possibly only seasonally when their preferred foods became less available).

### HOMO ERUCTUS

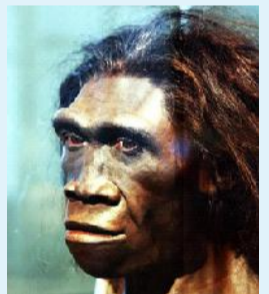
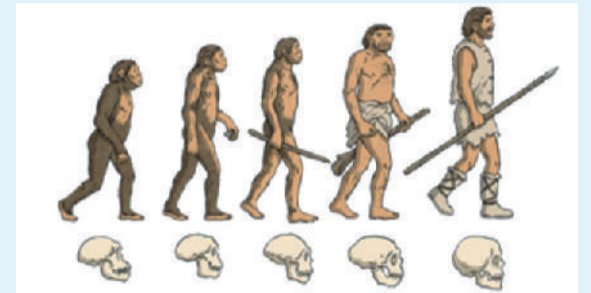
Tall bodies and large brains of homo eructus individuals required a lot of energy on a regular basis to function. Eating meat and other types of protein that could be easily digested made it possible to absorb nutrients with a shorter digestive tract, making more energy available faster.

### HOMO SAPIENS NEANDERTHALENSIS

Compared to early humans living in Africa, with more abundant edible plant foods available year-round, the number of plant foods neanderthalensis could eat would have dropped significantly during the winter of colder climates, forcing neanderthalensis to exploit other food options like meat more heavily.

### HOMO SAPIENS

The species and you all other living human beings on this planet belong to Homo sapiens. During the time of dramatic climate change 300,000 years ago, homo sapiens evolved in Africa. Like other humans that were living at this time, they gathered and hunted food, and evolved behaviors that helped them respond to the challenges of survival in unstable environments.



Panimalar  
VI-F



## AMAZING FACTS

- Ibn Khaldun and Emile Durkheim are the fathers of Social Science.
- Social science is considered as soft science
- The term sociology was coined by Auguste Comte.
- In India in 1951 Shyam Saran Negi became the first voter.
- Shyam Saran Negi had cast a vote at the age of 106, he also became the oldest voter also.
- Majuli is the largest riverine island in the world. It is in Brahmaputra River in Assam, India.
- Digging deeper and deeper Kola superdeep Borehole in Russia reached is staggering 7.5 miles into the earth.
- Mount Kea is larger than Mount Everest from the ocean floor.
- Luxembourg is the richest country in the world.
- Burundi in the poorest country in the world.



Ritheeshwaran. S  
VIII-B

## PLANET

Our Blue Planet is full of renewable and non-renewable resources..

We use them Daily but forget to Preserve.

Our planet is Dying, need to Protect it.

If not, we will Struggle for Survival.

The only rope to protect is to Work together with Perfect Time and Measure.

This Land depends on us.

So, let's join together to Save Our Planet.



R. Taran  
VIII-A



Abhinaya.s  
X-A

## THE IMAGE OF BHARAT MATA

The image of **Bharat Mata**, or "**Mother India**," is a powerful and enduring symbol in Indian nationalism, representing the nation as a divine mother figure. This personification of India as a mother goddess emerged in the late 19th and early 20th centuries, gaining prominence during the Indian independence movement. Typically, Bharat Mata is depicted as a woman draped in a saffron sari, holding the Indian national flag or a sheaf of grains, and often shown with a lion or a map of India at her feet. She embodies the values of strength, purity, fertility, and self-sacrifice, symbolizing the nation's land, culture, and the struggles of its people.

Bharat Mata became a unifying icon that transcended regional, religious, and linguistic differences, rallying people from all walks of life under the common cause of independence. The image was popularized through art, poetry, and public gatherings, becoming a rallying point for freedom fighters and nationalists. For leaders like Mahatma Gandhi and Subhash Chandra Bose, Bharat Mata represented the spirit of India and the collective aspiration for freedom.

Even after independence, Bharat Mata continues to inspire and evoke deep feelings of patriotism and devotion. She is a symbol of India's identity, resilience, and unity, celebrated in various cultural expressions and public ceremonies, serving as a reminder of the sacrifices made in the nation's quest for freedom.



## INDIA'S RICH HISTORY

- Early humans: Anatomically modern humans arrived in India between 73,000 and 55,000 years ago. Stone Age: Stone age hunters and gatherers lived in India about 30,000 years ago.
- Urban settlements: Between 5000 and 2000 B.C.E., urban settlements spread across northern India and present-day Pakistan.
- Gupta Dynasty: In the 4th and 5th centuries A.D., the Gupta Dynasty unified northern India, ushering in a period of cultural and political prosperity known as India's Golden Age.
- Islamic conquests: In the 10th and 11th centuries, Turks established sultanates in Delhi. In the early 16th century, the Mughal Empire conquered most of the Indian subcontinent.
- Independence: India gained independence from Britain on August 15, 1947 and became a sovereign state within the British Commonwealth.
- Nuclear testing: India conducted its first nuclear test in 1974 and five more in 1998.

The earliest known human remains in South Asia date to 30,000 years ago. Sedentariness began in South Asia around 7000 BCE; by 4500 BCE, settled life had spread, and gradually evolved into the Indus Valley Civilisation, which flourished between 2500 BCE and 1900 BCE in present-day Pakistan and north-western India.

### Bharat

Before the Constitutional Assembly in 1949, the country was known as Bharat, India, and Hindustan. While a good number of the drafting committee members preferred the old name, Bharat, many others favoured India. That's what led to the Constituent Assembly choosing both the names.

The realm of Bharat is known as Bhāratavarṣ in the Mahabharat (the core portion of which is itself known as Bhārat) and later texts. According to the text, the term Bharat is from the king Bharat, who was the son of Dushyant and Shakuntal and the term vars means a division of the earth or a continent. Chandragupta Maurya was the first ruler who unified India



Thanya  
VIII-B

## MACAULAY'S MINUTE ON EDUCATION (1835)

### Thomas Babington Macaulay:

The Minute on Indian Education by Macaulay, given as early as 1835, was one of the most significant events that took place in the dissemination of the English language in India. Macaulay argued that the medium of instruction in schools should be the English language due to its "superiority to Sanskrit and Arabic, the languages of the learned classes at that time". This is followed by the setting up of English-medium schools and colleges throughout the Indian subcontinent.

### British Raj (1858-1947):

**Pervasive Use of English:** The British Raj witnessed widespread use of English in administration, law, education, and much of the social life of the Indian elite. It was also the language through which the nationalist leaders communicated with the British authorities and among themselves. **Indian National Movement:** Leadership consisted of English-speaking educated men such as Mahatma Gandhi, Jawaharlal Nehru, and B.R. Ambedkar, and the language became an instrument of political and social change.



Hanita  
VIII-A



### SOCIAL ACTIVITIES



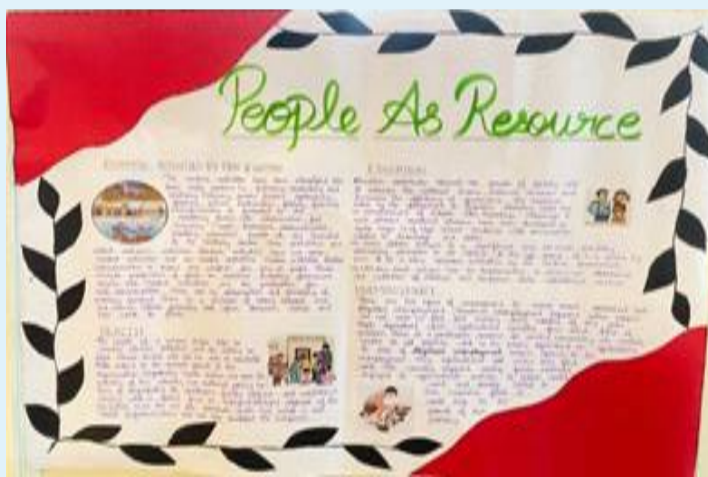
**Grade VI :** Students were given a task of creating a manuscript as part of their internal assessment. This involves any specific topic or theme relevant to their course and composing a detailed, well-structured manuscript. Students will need to demonstrate their ability to conduct thorough research, ideas, synthesize information, and present their findings clearly and coherently.



**Grade VII:** Focused on the interior of the Earth, students created a 3D model and 2D model using A4 sheets and coloured paper. Students understood the structure of the Earth by creating a

3D model that represents its layers: the crust, mantle, outer core, and inner core.

**Grade IX:** Human Resource is an asset and its value increases in future. The activity is



based on human capital formation. The nation of South Africa is known as Rainbow nation. South African Constitution gave importance to both natives & Europeans. French Revolution saw a constitutional monarchy with Napoleon as the dictator. Students did an activity about the life history of Napoleon. Different topographic



divisions of India. The class was divided into 6 groups. Each group presented a physical division.

The Indian Constitution has the terms 'Sovereign, Democratic Republic'

### AGRICULTURE

The first Occupation of human civilization.

A basic foundation for other industries.

A Noble Science that turns soil and manure into Gold.

A Field which gives employment to Human Beings.

A Treasure to be protected always.

A Life which teaches us human Values and gives happiness.

Above all, it is the backbone of our Country's economy.

No Agriculture – Life Stands Still



Tanvi  
VIII-A



## QUIZ

1. First Bank to start ATM services in India.
2. Who is the owner of the brands Allen Solly and Louis Phillipe?
3. Give the full form of WIPRO.
4. Which is the imitative launched by the Indian Government aimed to introduce budget flying and develop 50 airports till 2020?
5. Which Bollywood actor has been appointed as brand ambassador of Food Panda?
6. Which Indian-American businesswoman has been elected a member of Strategic Forum to US President?
7. \_\_\_\_\_ is the first Indian company to be listed on New York Stock Exchange.
8. Which Nobel Prize recipient is the founder of Grameen Bank?
9. Which famous entrepreneur quoted- "The biggest risk is not taking any risk."?
10. The products of which company are marketed with the tagline- "Small Outside, Big Inside?"

ANSWERS  
1. HSBC  
2. Madura Garments  
3. Western India Products  
4. UDAN (Ude Desh ka Aam Nagrik)  
5. Shahrukh Khan  
6. Indra Nooyi  
7. ICICI Bank  
8. Professor Mohammad Yunus  
9. Mark Zuckerberg  
10. Samsung



Ms. Manjula C  
HOD-Commerce

## IN A DREAM ONE NIGHT...

In a dream one night, a vision so bright,  
Rani Lakshmi Bai stood, a beacon of light.  
"Serve your nation," she whispered with grace,  
"Stand for the truth; let justice take place."  
With a heart full of fire, she spoke of our land,  
Of unity and strength, together we stand.  
"Fight for the truth, let your spirit soar,  
For freedom and justice, let your heart roar."  
In shadows, we hear of horrors untold,  
Rapes and murders, crimes so bold.  
But if every woman, like Rani, would rise,  
No one could touch them, beneath open skies.  
With strength in their hearts and fire in their eyes,  
Together, we'll fight, we'll shatter the lies.  
Empowered and strong, united we stand,  
For freedom and honor, let's take a bold stand.  
Rani fought fiercely, with heart and with might,  
Against all the odds, she embraced every fight.  
Her struggles remind us, we must never yield,  
For the strength of a woman is a powerful shield.  
So let's join her spirit, let's answer the call,  
With unity and strength, we'll rise up for all.  
We won't be defeated, we'll stand strong and tall,  
In the face of injustice, we'll never let fall.  
With courage as our armor, let's break every chain,  
For the heart of a warrior can shatter the pain.  
So heed Rani's message, let it spark a new dawn,  
In a world where we flourish, where we all can move on."

## THE LIFE OF A CUPCAKE

They put me in the oven to bake.  
Me, a deprived and miserable cake.  
Feeling the heat, I started to bubble.  
Watching the others, I knew I was in trouble.

They opened the door and I started my life.  
Frosting me with a silver knife,  
Decorating me with candy jewels.  
The rest of my batch looked like fools.

Lifting me up, she took off my wrapper.  
Feeling the breeze, I wanted to slap her.  
Opening her mouth with shiny teeth inside,  
This was the day this cupcake died.

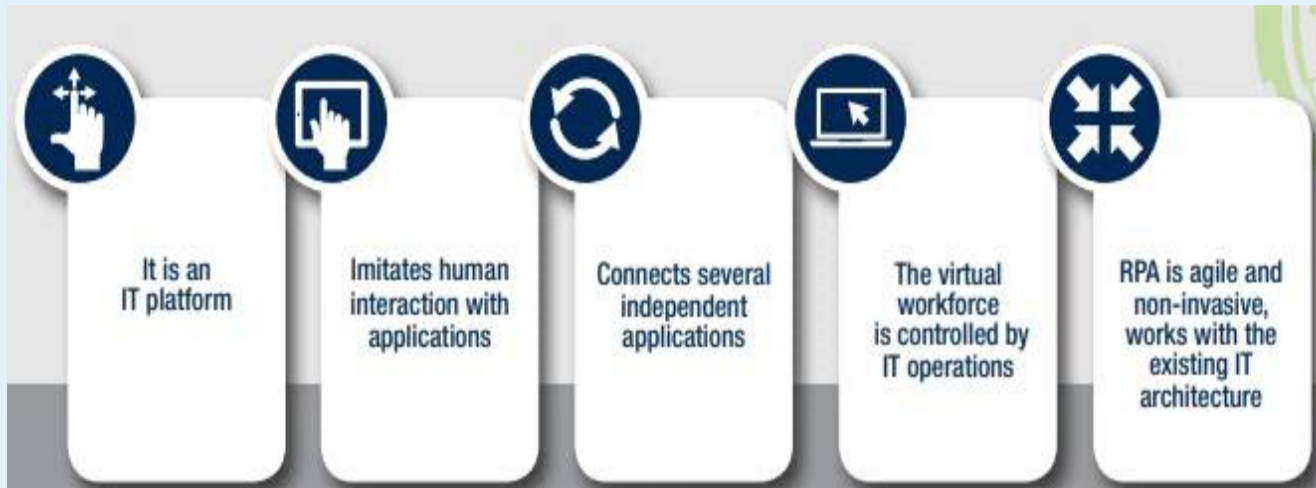


Anubhav Pal  
XII-A





### KEY FEATURES



### RPA IN DIFFERENT INDUSTRIES

- Manufacturing industries
- Retail industries
- Finance and accounting
- Health care and pharmaceutical Industries
- Telecommunication Industries
- Information technology
- **INTRODUCTION TO RPA**
- In today's fast-paced business environment, Robotic Process Automation (RPA) emerges as a game-changer. It enables

leading to enhanced productivity and efficiency.

### WHAT IS RPA?

Robotic Process Automation refers to the use of software robots to automate highly repetitive and routine tasks. By mimicking human actions, RPA can perform tasks such as data entry, processing transactions and managing records, resulting in significant time savings and reduced error rates.

### BENEFITS OF RPA IN INDUSTRIES

Implementation of RPA in industries provides numerous benefits, including increased efficiency, cost reduction and improved accuracy. Organizations can redirect human resources to more strategic tasks while robots handle routine and repetitive processes, leading to improved employee satisfaction and innovation.

### RPA IMPLEMENTATION PROCESS

1. Define the business problem or opportunity RPA can address.
2. Identify processes that can be automated using RPA
3. Assess the feasibility of automating each process.
4. Develop a business case for each process
5. Create an implementation plan
6. Product initiation and PoC development
7. Implementation and deployment

### CHALLENGES OF RPA

Despite its advantages, RPA implementation can face challenges such as integration with existing systems, resistance to change among employees, and the need of ongoing maintenance. Addressing these challenges is crucial for maximizing the benefits of robotic process automation.

### FUTURE OF RPA IN INDUSTRIES

As organizations and businesses grow and strive to achieve more, they have to work out strategies and implement them accordingly. Automation and RPA are trends in the domain of technology that have helped employees be more productive and creative. Since mundane tasks in high volume can be easily handled by RPA bots, it ensures that the tasks are error-free, and the employees are able to focus on other intelligent tasks. Of course, RPA technology is evolving, and we are expected to witness its wider and more advanced application in every sector.



**Ms. Yesodha P  
HOD-STEM**

## MIXED REALITY IN EDUCATION: REVOLUTIONIZING LEARNING

The rapid advancement of technology has significantly impacted various fields, and education is no exception. One of the most exciting developments in this domain is Mixed Reality (MR), a fusion of the physical and digital worlds. By blending virtual reality (VR) and augmented reality (AR) elements, MR provides an immersive, interactive environment that enhances traditional educational methods. This article explores the potential of mixed reality in education, its benefits, challenges, and future trajectory.



Augmented Reality



### What is Mixed Reality?

Mixed Reality exists on a spectrum that connects complete real environments to complete virtual ones. On one end, AR overlays digital information onto the real world, such as when a student uses their phone to view a 3D model of the solar system hovering in the classroom. Conversely, VR places users in entirely immersive digital environments, such as a virtual field trip to ancient Rome. MR bridges these by allowing users to interact with both real and virtual elements in real time, fostering a deeper connection with the content.



Mixed reality

#### 1. Interactive Learning Environments:

MR creates interactive simulations where students can experiment, manipulate objects, or observe scenarios that would be impossible or impractical in the real world.

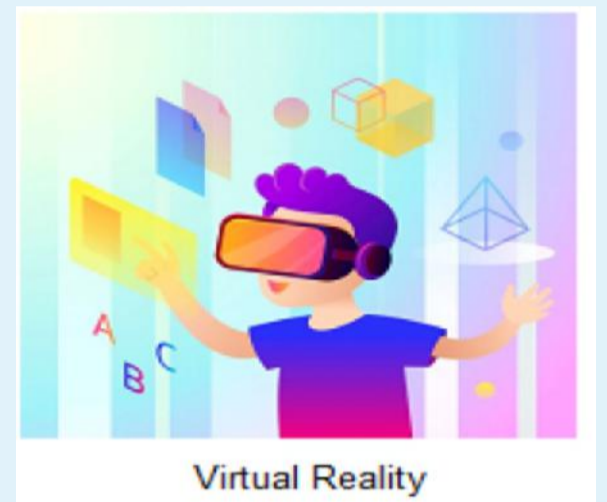
#### 2. Enhanced Collaboration:

#### 3. Immersive History and Geography Lessons:

MR enables students to "visit" historical landmarks or geographical sites without leaving the classroom.

#### 4. Personalized Learning:

One of the significant advantages of MR is the ability to tailor learning experiences to the needs of individual students. MR can adjust the complexity of simulations and tasks based on a learner's progress, offering personalized feedback and support.



Virtual Reality



### The Benefits of Mixed Reality in Education

#### 1. Enhanced Understanding of Complex Concepts:

MR allows students to visualize and manipulate complex concepts, which can be particularly helpful in subjects like science, math, and engineering.

#### 2. Real-World Skill Development:

Through realistic simulations, MR helps students develop practical skills that they can apply in real-world scenarios. For example, medical and technical

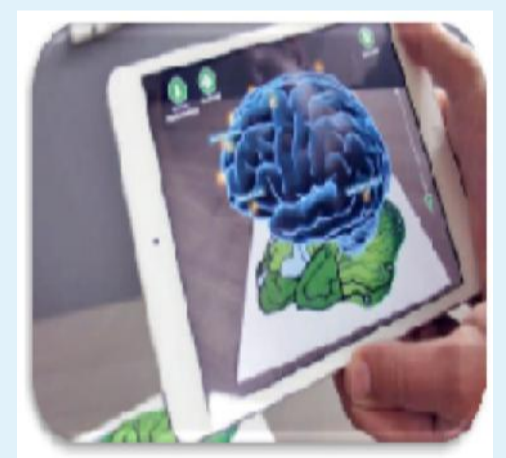
students can gain hands-on experience without the risks associated with real-life procedures.

#### 3. Accessibility and Inclusion:

MR can also benefit students with diverse learning needs by offering different ways to engage with content. Students with disabilities, for example, can participate in virtual field trips or tactile learning experiences that might otherwise be inaccessible to them.

#### Challenges and Considerations:

While the potential of MR in education is undeniable, several challenges remain like cost, technical issues and infrastructure, teacher training, content development and encountered often.



Mr. Aravinthan K  
STEM & Robotics Educator



## STATISTICS AND INSIGHTS INTO THE ROBOTICS INDUSTRY IN INDIA

### Market Size and Growth

#### 1. Market Value:

- The Indian robotics market was valued at approximately \$3.48 billion in 2020.
- It is projected to reach around \$12.60 billion by 2025

#### 2. Industrial Robotics:

- The industrial robotics segment is a significant contributor, with over 5,000 robots sold annually in the country as of 2022.
- In 2021, India ranked 12th in the world for industrial robot installations, with an estimated 4,500 units installed in that year alone.

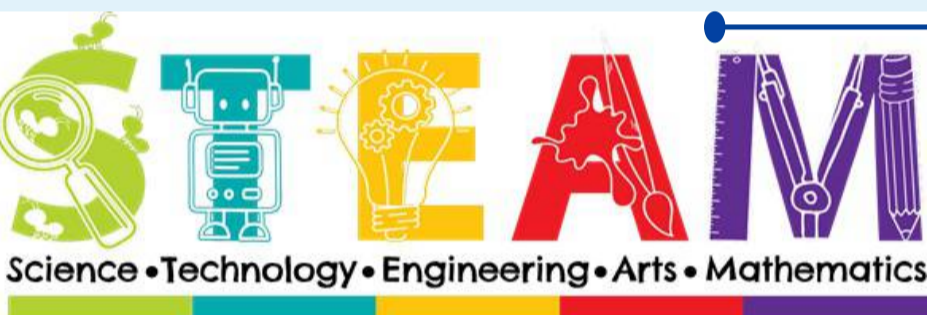
#### 3. Automation in Manufacturing:

- Over 40% of the Indian manufacturing industry, particularly in sectors like automotive, electronics, and metalworking, has adopted robotics for automation.
- The automotive sector alone accounts for 50% of the industrial robots installed in India.



Ms. Janani.S  
STEM Lab

India ranks among the top 10 countries globally in terms of research output in robotics and automation. The Indian government has increased its focus on robotics, AI, and automation, with plans to invest more than \$1 billion in robotics and AI research by 2025 under various initiatives like Digital India and Make in India.



STEAM education represents a forward-thinking approach that blends Science, Technology, Engineering, Arts, and Mathematics into a cohesive learning experience, aiming to cultivate creativity and practical knowledge in students. This interdisciplinary method

encourages students to engage in hands-on project while preparing them for a dynamic and rapidly evolving world. Through STEAM, students learn to approach complex problems from multiple perspectives, ultimately equipping them with a versatile skill set that is highly relevant in today's interconnected . By incorporating VEX Robotics, students engage in hands-on learning experiences that enhance their understanding of engineering principles and robotics. This bridges the gap between theoretical concepts and practical applications. The use of AI in the classroom complements these technologies by introducing students to advanced computational techniques and data analysis, fostering critical thinking and problem-solving skills. This synergy of robotics, programming, and AI not only prepares students for the technological demands of the future but also cultivates a comprehensive skill set that integrates science, technology, engineering, and mathematics in a real-world context.



Mrs. Shivangi Tiwari  
Steam lab



## THE NEED FOR THERMAL AND VIBRATIONAL MONITORING IN PRECISION



As the manufacturing industry advances with Industry 4.0, new technologies are transforming production processes. The shift towards more automation and precision is changing how factories operate, with smart sensors playing an important role in these improvements. However, two critical areas often get overlooked, those are monitoring temperature and vibrations during machining. In my three years as a mechanical engineer in the manufacturing department, I've noticed the gap in the sensors used in manufacturing. While machines have many sensors to check coolant levels, tool conditions, air pressure, and safety, they often lack thermal and vibrational sensors to measure temperature and vibrations during machining.

Temperature monitoring is crucial because heat generated during machining can cause parts to expand by 30 to 45 microns. For instance, when machining iron or steel, the temperature can rise significantly. Even with effective coolant, temperatures can increase over time due to continuous friction between tool and workpiece, often reaching 80°C or higher. Without effective thermal management, this can lead to expansion of the material, which complicates maintaining precise specifications throughout the process. This small deviation can result in defects, leading to parts being rejected during assembly, reducing tool life, and increasing production costs.

Similarly, we need to monitor vibrations as they may affect the stability of machining process, leads to rework or reject which also increase production cost. Solution and Working Mounting Method: Infrared (IR) temperature sensor can be positioned at a safe distance from the workpiece and tool, ensuring they are not exposed to the direct harsh conditions of machining. These sensors work by detecting the infrared radiation emitted by the workpiece, allowing them to measure the temperature without needing to make contact. The non-contact nature of IR sensors makes them ideal for monitoring temperature in a machining environment

To fully realize the benefits of Industry 4.0, it's important to integrate both thermal and vibrational sensors into the machining process. These sensors would provide real-time data, allowing manufacturers to make quick adjustments to manage temperature and vibration issues, ensuring that parts are made accurately and tools last longer. As manufacturing process continues to evolve, addressing the lack of thermal and vibrational monitoring is crucial for maximizing the potential of Industry 4.0. Adding these sensors will enhance product quality and reduce costs.

Mr. Bharani Krishna N  
Educator-Stem Lab





## GEOSPATIAL TECHNOLOGY

Geospatial technology is a collection of tools that collect, process, analyze, and map geographic information. It's used in many fields, including business, defense, medicine, and transportation. Geospatial data, or geodata, is data that includes information related to locations on the Earth's surface. Geospatial technology can be viewed as a subject, a process or a field of study that has been booming in the last few decades or so.



The earth is composed of many landforms and physical features. The objective of geospatial technology is to capture, study and analyze these features for the better management of resources. Physical features can be both natural, such as lakes, mountains, valleys, etc. or man-made such as buildings, roads, etc.

These features, by using geospatial technology are displayed onto maps, which can be used for analysis.

### Why do we need Geospatial Technology?

As previously mentioned, Geospatial technology is a broad field that encompasses various tools and techniques for collecting, analyzing, and utilizing spatial data. Geospatial technology is essential for a variety of reasons because it helps us understand and manage the world around us more effectively. It has many uses in many fields. Some of them are:

- Urban Planning
- Environmental Management
- Transportation and Logistics
- Disaster Management and Response
- Agriculture

Some of the key reasons supporting the necessity of geospatial technology are

- Efficient Resource Management
- Informed Decision-Making
- Enhanced Planning and Development
- Connectivity and Navigation

### Technologies Under Geospatial Technology

Geospatial Technology consists of three different technologies under it. They are:

#### Remote Sensing:

Remote Sensing, is a term used to describe the act and process of gathering information and data related to the earth, from a distance through the usage of aircraft, satellites, aerial drones, cranes, etc.

#### Geographical Information System:

Geographic Information System (GIS) is a framework for gathering, managing, and analyzing spatial and geographic data. GIS technology combines cartography, statistical analysis, and database technology to help users understand spatial patterns, relationships, and trends.

#### Global Positioning System:

Global Positioning System (GPS) is a satellite-based

navigation system that provides location and time information anywhere on Earth. It is widely used for navigation, mapping, and tracking applications.

Therefore, Geospatial technology has taken a quantum leap in the field of collecting, processing, analysing and mapping geographical data .

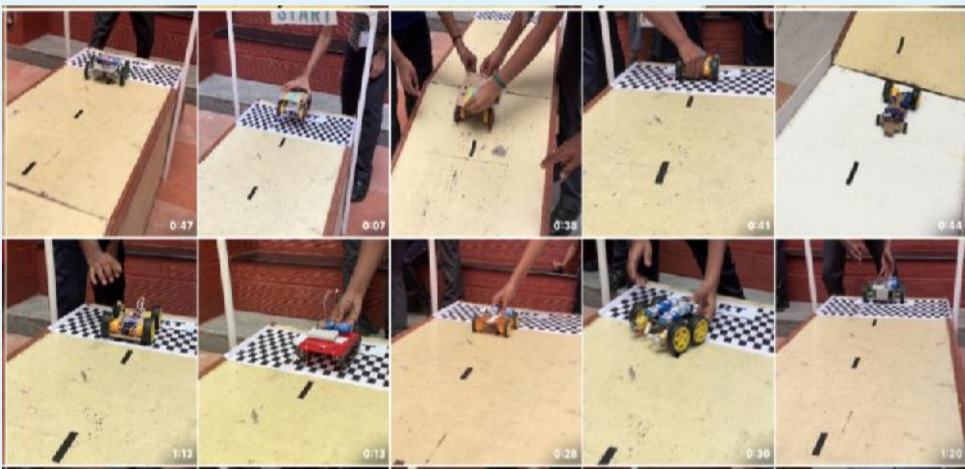


Rohith Karthikeyan  
XI-C



## ROBOTHON

The challenge is to build their own robot either wired or wireless while adhering to the specified dimensions. The objective is to successfully navigate the track and to reach the finish line in the shortest duration of time. The robot needs to be controlled manually or autonomously, and it must have the ability to navigate various terrains and obstacles without deviating from the track.



Students create their own innovative intelligent robotics solution based on one of the SDGs. Teams will present their project and their robot model to the panel of judges. The judges will evaluate model based on the robot solution, aspects of innovation and entrepreneurship.



The challenge is to build a small self-contained autonomous robot to navigate a maze in the shortest possible time. Teams are judged not only on their robot's performance but also on the design, innovation, and effectiveness of their robot's strategy for maze navigation.

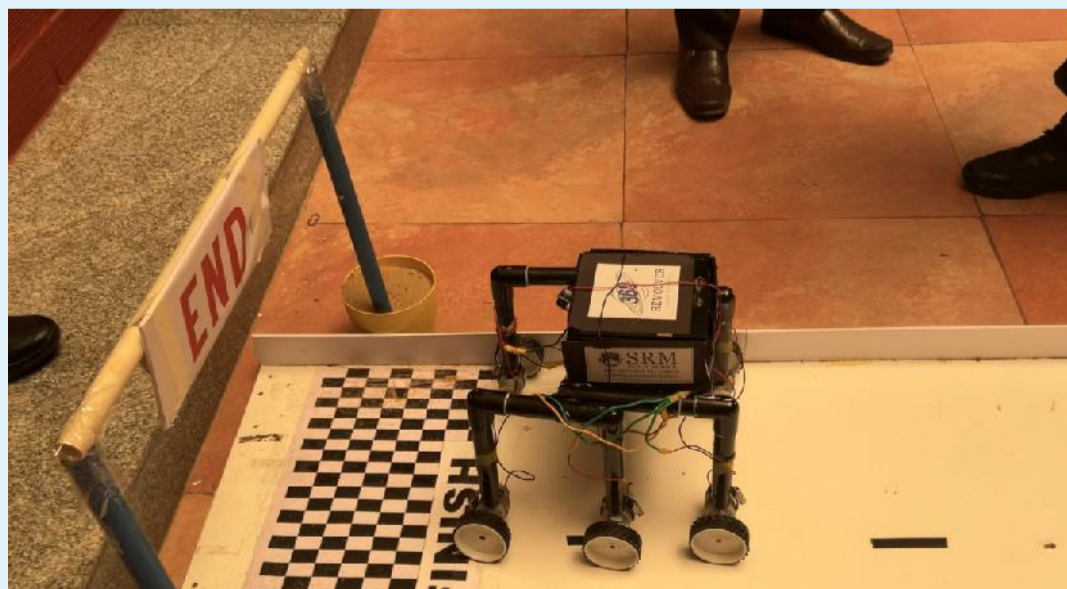
Participants are provided with a Arduino program that contains intentional bugs, and they need to locate and correct these bugs. The aim of the competition is to debug the code and complete the design using Arduino IDE. Points are awarded based on time duration and accuracy of the debugging.





## ROBOTHON

Block-based coding challenge makes it easy to create dynamic, parametric, and adaptive designs. Participants have to write block codes that bring their designs to life.





## NATIONAL INSTITUTE OF OPEN SCHOOL

I am delighted to highlight the remarkable success of the National Institute of Open Schooling (NIOS) and its positive impact on our NIOS students at SRM Public School (SRMPS). Our previous batch NIOS students have shown incredible confidence and determination, with many advancing to prestigious universities following their studies. As we approach the 2024-25 academic year, our third batch of students is set to complete their education while balancing demanding schedules, including rigorous sports training and preparation for the JEE. Their achievements exemplify the effectiveness and flexibility of the NIOS program in supporting diverse and ambitious educational goals.

NIOS offers flexible and accessible education through distance learning. Its mission is to provide educational opportunities to those who cannot attend traditional schools due to personal, geographical, or health-related reasons. NIOS promotes education for all, especially marginalized groups like girls, rural youth, and disabled individuals, with its motto being “**Sarva Shiksha Abhiyan**” (education for all).

At SRM Public School, NIOS has been recognized as a transformative institution, providing valuable educational opportunities and support to its students. The continued success of NIOS will undoubtedly contribute to shaping a more inclusive and adaptable educational landscape in the years to come. **NIOS serves as a significant alternative to formal schooling**, providing a second chance for many students to complete their education and pursue further studies or careers. We have students who have currently enrolled themselves in NIOS to balance their academics and their skills. They have shared their experience why they chose the NIOS Board.



Ms.Rathi.G.O  
NIOS-Coodinator

I, Iniyan, aspire to become a Professional football player. Having represented the Tamil Nadu state football team at the Sub Junior level, my goals to step up to the higher levels needed me to spend more time with daily practice, matches, tournaments and camps. This required a balance between my studies and the game. Joining NIOS at SRM Public School has been a blessing for me, as now I am able to dedicate more time to pursue my passion while not losing ground on my academics. Thanks to my teachers

Iniyan Chandar M  
IX-NIOS



As a professional footballer, balancing sports and education is a challenge. I joined the NIOS in my 10th grade, usually known as one of the very crucial years of school life. The NIOS curriculum was very helpful for me to complete my 10th grade successfully while playing various professional leagues and tournaments the same year. This curriculum offers numerous subject options and convenience, allowing me to learn at my own pace. On-demand exams are available if I miss board exams due to matches. I am working towards achieving my goal both in sports and education, and am happy to have NIOS curriculum help many students who have chosen alternate professions like; sports, music, acting, etc. in this journey.

Hoshika  
XII-NIOS



### WHY I CHOSE NIOS?

Greetings everyone. This is Nausheen Shaik. As a student of open schooling people always ask me the reason behind choosing open schooling. My response to it is a very simple one. As a JEE aspirant time is one of the most important factors in my preparation. NIOS gives me the time flexibility I desire to balance both my preparation and school. Along with that NIOS also allows us to complete our board exams in parts which allows me to give my undivided attention to my preparation. In a nutshell NIOS has been a great experience to me and it will be so for all who want it to be so.

Nausheen Shaik  
XII-NIOS



NIOS has immense benefits that many are not aware of. It has given me an opportunity to become a player alongside my student hood. Being a professional footballer playing for Chennaiyin FC, which is one of the most successful clubs in India, I always struggled to fulfil my academic endeavours.

Nevertheless, NIOS has given me flexibility of time to focus on my career and studies. Now, I am able to strike a balance between the two. Therefore, my dream of becoming a renowned footballer is not far and beyond. It also provides quality education where I am able to excel in academics too. It's only because of NIOS I am able to manage my training sessions and matches. Infact, NIOS is a great avenue that should be utilised by people like me to fulfil the dreams of becoming some one in life. The teachers here are very friendly and supportive. I liked this environment and every day schooling here is really an enjoyable one for me.



Vedanarayana K  
XII-NIOS



## LEARNING WITH FUN-A RECENT TREND

In an era where traditional educational methods are increasingly being scrutinized for their effectiveness, the concept of “Learning with fun” has emerged as a revolutionary approach to education. This method emphasizes the integration of enjoyable, interactive activities into the learning process to enhance student engagement, retention and overall educational outcomes.

The foundation of learning with fun is rooted in cognitive science. Research indicates that when students are engaged and enjoying themselves, their brains are more receptive to new information. This is because fun activities often reduce stress and anxiety, creating a more conducive environment for learning.

### Benefits of learning with fun

1. Enhanced engagement:
2. Increased motivation:
3. Development of critical skills:

### Implementing Fun in Learning

#### 1. Gamification:

Incorporating game elements such as points, levels and rewards into educational activities can make learning more engaging.

#### 2. Creative projects:

Encouraging students to express their understanding through creative means – such as art, music, or drama- can make learning more enjoyable.

#### 3. Real world connections:

Incorporating real – world problems and scenarios into lessons can make learning more relevant and exciting.

Finally, Learning with fun is more than just a pedagogical trend; it is a powerful approach to education that leverages enjoyment to enhance engagement, retention, and motivation. By integrating enjoyable and interactive elements into the learning process, educators can create a more dynamic and effective educational experience.

As we continue to explore and embrace the potential of learning with fun, it is clear that this approach holds the promise of transforming education for the better, making learning an adventure rather than a chore.



Ms.Revathi S  
NIOS Teacher

## IT'S A WAKEUP CALL!!

The earth today is in Chaos! our planet, the earth which is our home is under threat by none other than humans. For billions of years, our earth has been a paradise for all lives, but now the greed of human beings is making our planet face its own extinction. The almighty has created the earth for all living organisms but we humans due to our greed and arrogance has left irreparable scars on our beloved planet that has given us so much. In the name of development, we humans are exhausting, destroying and polluting natural habitats such as rainforests, coral reefs, marine life, mangrove forests etc. For fashion and medicine, we have endangered many magnificent species which are important in the balance of bio-diversity. Inventions such as atomic bombs, warships, rockets, robots, etc. that are a threat to the lives, jobs and education of our future generations. The thought that we are the masters of our planet, and we can do whatever destruction we please to do with it. But now the earth is retaliating and proving she's not anyone's slave. We can see her anger and outbursts in forms of various natural disasters such as Tsunamis, Flash floods, volcanic eruptions, earthquake, forest fires etc. In these catastrophes, the victims are the innocent common souls, that are losing their livelihood and loved ones, and met the geopolitical, greedy leaders who are the real culprits for this chaos. Its high time that our generation stand united against the greedy war force on our beloved planet, earth. I hope we have behind a better, sustainable world for our



Mohammed Imran  
XII-NIOS

## SPECIFIC LEARNING DISABILITIES (SLD)

Every child is unique in nature. One's interest and skills vary widely from one another. A child may be good in all other activities but may lag only in academics and score low marks. Here comes the word SLD – Specific Learning Disabilities. We should not blindly brand these children as 'adamant' or 'incapable'. Different children have different learning styles and speed. So we have to understand the different learning needs of the children and help them as per their need. ***They are not Disabled children but they are differentially abled children.***

They need encouragement and compassion and not pity. We need to focus on the child's strength and set reasonable expectations. By providing guidance and support and maintaining a consistent discipline, we can bring a great change in differently abled children. Special educators, Parents and teachers should play a vital role in bringing a change in differently abled children’s lives.

***It is not the fault of the  
Children if they are  
Differently abled – But  
It is our fault if we  
Don't understand and support them***



MS.K.Eswari  
Special Educator



## SRM CAMP SITE

SRM Public School organized an exciting one-day Scouts and Guides camp on 27th July 2024, right on our school campus. A total of 211 scouts and guides eagerly participated in the day's activities, which were designed to enhance their practical skills and foster a sense of teamwork and adventure.

The day kicked off with an inspiring herbal planting session, where students learned about the importance of medicinal plants and sustainable gardening. This activity set the tone for a day filled with learning and hands-on experiences.

Throughout the day, the scouts and guides were engaged in a variety of training sessions. They learned essential life skills such as knot-tying, first aid, and leadership techniques. These activities are crucial for developing self-reliance and preparedness in any situation. Team-building games and adventure activities added an element of fun while reinforcing the importance of cooperation, communication, and trust among peers.

The camp provided a perfect balance of education and excitement, and the participants left with a deeper understanding of the values of scouting, as well as practical skills they can apply in real life.

The one-day camp was a resounding success, providing our young scouts and guides with unforgettable experiences and valuable lessons.



## TRITIYA SOPAN TESTING CAMP

The Scouts and Guides of SRM Public School had the privilege to participate in the Tritiya Sopan Testing Camp held at the State Training Centre in Alathur on 12th and 13th August 2024. This camp was designed to evaluate the proficiency and skills of scouts in alignment with the Tritiya Sopan standards, which is the third level of testing in the scouts' training curriculum.

Eighteen students from classes VIII and IX represented our school in this rigorous camp. Their participation demonstrated their dedication, discipline, and readiness to achieve the Tritiya Sopan Badge, which marks

S.No	Name	Class & Sectic
1.	Ansh Pal	VIII 'A'
2.	Aswanth C	VIII 'B'
3.	Lakshayan C	VIII 'B'
4.	Ritheeshwaran	VIII 'B'
5.	Rithick A B	VIII 'D'
6.	Aathiraj L	VIII 'D'
7.	Gunaan A	VIII 'E'
8.	Roshan M	VIII 'E'
9.	Sanjay D	VIII 'E'
10.	Nagulan S K	VIII 'E'
11.	Gokulnath J	IX 'A'
12.	Ashwath S P	IX 'B'
13.	Mugilan C T	IX 'B'
14.	Sarvesh Ram	EIX 'B'
15.	Sai Seshan A	KIX 'C'
16.	Anusika R	VIII 'D'
17.	Hiranmayi M	VIII 'D'
18.	Thanusreee M	IX 'A'



Over the course of two days, our scouts engaged in a variety of activities, which tested their practical knowledge and understanding of essential scouting skills. These included knot-tying, first aid, map reading, pioneering, and community service. The experience not only strengthened their scouting abilities but also fostered teamwork, leadership, and self-reliance among the participants.

Our students performed exceptionally well, demonstrating the values of scouting through their commitment and hard work.



Mr. Deenadhayalan V  
English Teacher - Senior Secondary  
Scouts Master



In today's stress torn life, when students are pressurised by Parents and teachers alike, to excel at studies, it is subjects like Art, Music and Dance that help children to destress. Music is food for the soul. It helps the mood to be rejuvenated and refreshed. Dance helps to activate all the parts of the body while the neurons connect to the body to the brain to help in synchronised movements. Arts allows thoughts and expressions to flow freely on the canvas. As children play with colours it awakens the aesthetic sense in the child. The Coscholastic dept at SRM Public School provides a platform for creative expression among the student community. We are an intrinsic part of the school curriculum and allow the students to explore their talents in all the spheres of fine arts.





RE OPENING DAY



MUSIC DAY



FATHERS DAY

MUSICAL JOURNEY TO MATHS



TAMIL NEW YEAR CELEBRATION

FOLK DANCE:



SEMI-CLASSICAL:





INDEPENDENCE DAY



KRISHNA JAYANTHI



CLASSROOM ACTIVITIES





RAKSHA BANDHAN



CULTURAL EXTRA VAGANZA TO WELCOME THE STUDENTS FROM HIGHWORTH GRAMMAR SCHOOL, KENT, UK



Mr. Elangovan C  
HOD -Music Department



Ms. Keerthana  
HOD - Dance Department



Mr. Jaganath  
HOD - Arts & Craft Department



### “DIAMOND RATING” BY QS I-GAUGE



With great pleasure and pride we announce yet another milestone achievement in SRM Public School's strides towards being recognised as an educational institution that is a class apart. SRMPS has been awarded Diamond Rating which is a top-tier recognition that signifies excellence in education and a commitment to academic quality and innovation, by QS I-GAUGE. QS I-GAUGE is India's first nationwide school rating system which is based on the globally recognized QS STARS University Rating System. We thank all the stakeholders for contributing towards this stellar achievement.

### IKA -AWARD

21st century skills are tools that can be universally applied to enhance ways of thinking, learning and working. SRMPS takes pride in receiving the 'IKA Award' for 'Promoting 21st Century Skills for Students'. These skills help the students to connect globally, explore and evolve as successful personalities in different walks of life.





**AT VIDYUVA CULTURAL FEST AT VIDHYA MANDHIR ESTANCIA**



**SRM PUBLIC SCHOOL EXCELS AT VIDYUVA CULTURAL FEST AT VIDHYA MANDHIR ESTANCIA**



**INTER SCHOOL ATHLETICS COMPETITION**

**GLOBAL CRICKET FEDERATION OF INDIA**





### SRMIST MUN

Our students participated in SRMIST MUN and Syed Rehaan of XB won the Verbal Mention Award.

### SAIRAM MUN:

Our students participated in Sri Sairam Engineering College's THIRD EDITION of the Model United Nations Conference in collaboration with The MUN Company: SAIRAM MUN EDITION III. All the participants were appreciated by SPECIAL MENTION AWARDS



India's International Movement to Unite Nations (IIMUN)  
Our students participated in IIMUN which was held in Casa Grand International School, Sholinganallur  
Saransh Singhania of XB was awarded as the Best Delegate



### VIDYA MANDIR MUN

Our students participated in VMEMUN, which was held in Vidya Mandir, Estancia. They secured the following awards

1. Honourable Mention Award - AKASH R-XD
2. Verbal Mention Award - SARANSH SINGHANIA-XB
3. Honourable Special Mention Award - RAFAELA ASHLIE-XB
4. Special Mention Award - NAKSHATHRA -XB
5. High Commendation Award - AADIL-XA
6. High Commendation Award - SYED REHAAN-XB





**DRAWING COMPETITION**



Yazhini J  
of grade XI "A"



Harshavardhan  
of Grade 3



Dhakshith.K  
of Grade 1



Ekanthika  
of Grade 4

**Tamil Nadu Speed Skating  
Association on 29-July-2024**



Hemdev  
UKG-A



Vihaan.D  
of Grade 4



Sabreeswaran  
of Grade 4



Shivanya Shri  
of Grade 2



Lavitrans  
UKG-F

**SINGING  
COMPETITION**



Levisha Miazhini  
of Grade 2



Srikanth  
of Grade 4

**INDIA BOOK OF RECORDS**



Abhitha Sai.M of grade 1B for  
answering 100 GK questions in 6 min  
52 sec at the age of 5 years 10 months.



MARTIAL ARTS



Prajeesh of Grade 3



H.Rishitha  
of Grade 4



Hrithick Arya  
of Grade 3



K. Sivanyaashri  
of Grade 2

U-7 BADMINTON



Aadith Karthikeyan of  
Grade 3



S Harshitha



Thivyesh  
of Grade 3



M.Dheeraj  
of Grade 4



Kanishkaa.P.J  
of Grade 4



Dhanya R  
of Grade 3



## NATIONAL LIBRARY WEEK



ILA (Indian Library Association) declared National Library Week all over India since 1968 and various programmes are organised to let the public know about the libraries.

National Library Week is an annual celebration highlighting the valuable role libraries, librarians and library workers play in transforming lives and strengthening our communities. Library week celebration is a boost to promote the reading habits among the students.

Shiyali Ramamrita Ranganathan was a librarian and Mathematician from India. His most notable contributions to the field were his five laws of library science and the development of the first major faceted classification system, the colon classification. He is considered to be the father of library science, documentation, and information science in India and is widely known throughout the rest of the world for his fundamental thinking in the field.

Ranganathan was awarded Padma Shri for his valuable contributions to Library Science in the year 1957.

We have conducted the following activities in connection with library week celebration from 5th August, 2024 to 10th August, 2024.

### Class VI:

**Activity Name: Finding the author of the book with the given options**

**Activity type: Group Activity**

The students were divided into their houses respectively and the questions were displayed on the smart board as a presentation and the students have written the questions and the answers.



### Class VII:

**Activity Name: Writing a blurb for their favourite book**

**Activity type: Individual Activity**

The students were informed to write a blurb of their favourite book



### Class VIII:

**Activity Name: Matching the series with the author and the author with a book**

**Activity type: Group Activity.**

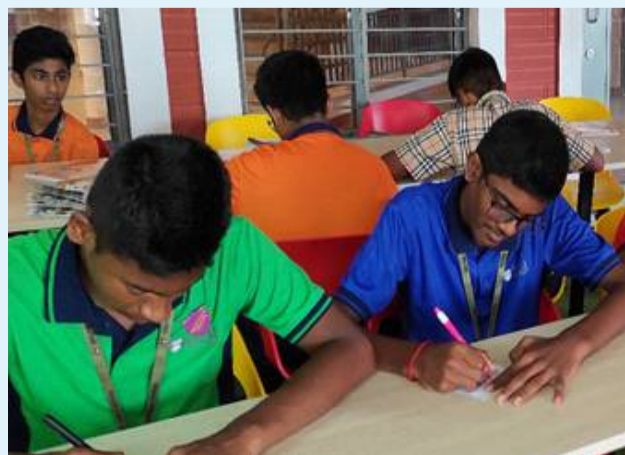
The students were divided into their houses respectively and the questions were displayed on the smart board as a presentation and the students have matched the series with the author and the author with a book.

### Class IX:

**Activity Name: Finding the author of a book, series, no of books in a series, first and last book of a series.**

**Activity type: Individual Activity**

Each student was called individually, the student has to pick a paper from the box, whichever question the student gets should write the correct answer





**NURTURING YOUNG READERS**

**Class X:**

**Activity Name:** Designing a cover page of their choice

**Activity type:** Individual Activity

The students were informed the design a cover page of their favourite book and the students were informed to use their creativity in designing the cover page.



**Classes XI & XII:**

**Activity Name:** Solving a Cross Word Puzzle

**Activity type:** Individual Activity  
The students given the print outs of the Cross word puzzle which has to be solved.

**JUNIOR LIBRARY**

**Grade I:**

**Activity Name:** Story sequencing

**Activity type:** Group Activity



**Grade II:**

**Activity Name:** Talk about your favourite cartoon character

**Activity type:** Individual Activity

Students were asked to talk about their favourite cartoon character by wearing / Showing appropriate masks of the character.



**Grade V:**

**Activity Name:** Roll a dice and write a story

**Activity type:** Group Activity  
Students were grouped house wise and asked to roll a dice thrice to find out about the main character, the problem and the setting based on which they wrote a story.

**Grade III & IV:**

**Activity Name:** Make a bookmark

**Activity type:** Individual Activity

Students were asked to make their own book mark to be used by them for the books they borrow from the library or their own books.





A healthy mind dwells in a healthy body. Sports forms an integral part of school life. While all children enjoy moments of free play professional training in various athletic and sporting activities helps the students to develop competency in their core strengths and they get the confidence to compete at intra school level, district level , state level and National level competitions. At SRM it is the mission of the Physical Education dept to create the competent sportspersons who will not only excel at their game but also develop a true sportsmanship spirit.

## SENIOR SPORTS MEET



Mr. Selvakumar.S  
HOD-PET

## CYCLE RALLY FOR WORLD ENVIRONMENT DAY



## YOGA DAY





Yoga is the valuable inheritance of the past, a essential need of today and the culture of tomorrow. It is not just for those who can touch their toes or want to meditate. It is for everyone at their own comfort level.

A room filled with serenity and tranquility

Asanas is the most favourite part of every student where in they try to attain a yogic posture perfectly. This stretches the muscle and gives them a sense of accomplishment when they perform it perfectly.

Yoganidra in shavasana the relaxing posture is the most desired part by all students. This releases the body tightness and mind tension by taking them to a totally different calm and serene atmosphere.

Pranayama techniques at the end of the session helps the students to take a journey inwards into their breathing pattern which inturn helps them to focus and have better concentration.



## GOLDEN ERA INTERSCHOOL YOGA COMPETITION



Kaviyazhini, Janani, Hiranmayi and Pugazharasi bagged the first prize (Under-14 Girls Team) in Golden Era Interschool Yoga competition conducted by Kola Saraswathi Vaishnav Senior Secondary School

## YOGA AWARENESS



Jai Mithran and Leelavarshini, recognised for their outstanding performance in the event organised for promoting Yoga awareness, by QS I-Gauge.

## YOGA COMPETITION



Yoga competition organised by Patanjali College of Yoga

## YOGA COMPETITION



Venbha Magil.N of Grade LKG C



Ria.K of Grade-1



Subiksha.G of Grade-1





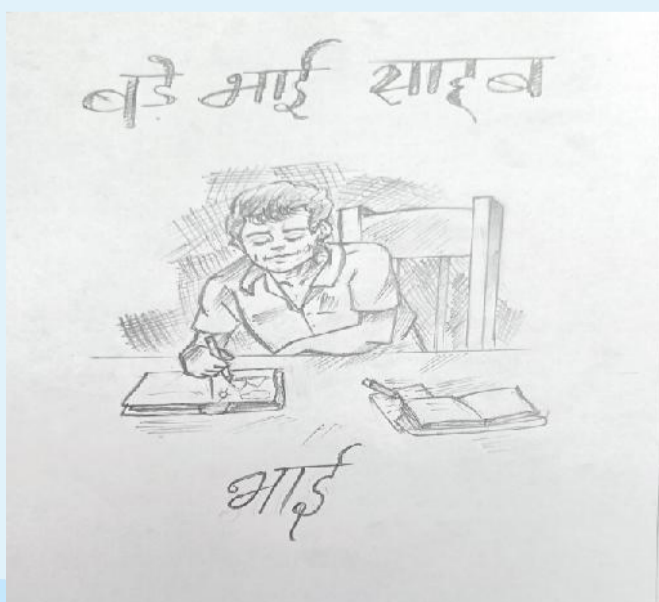
Rajasree  
XII-NIOS



Janani K  
VII-E



Tarunika  
IX-NIOS

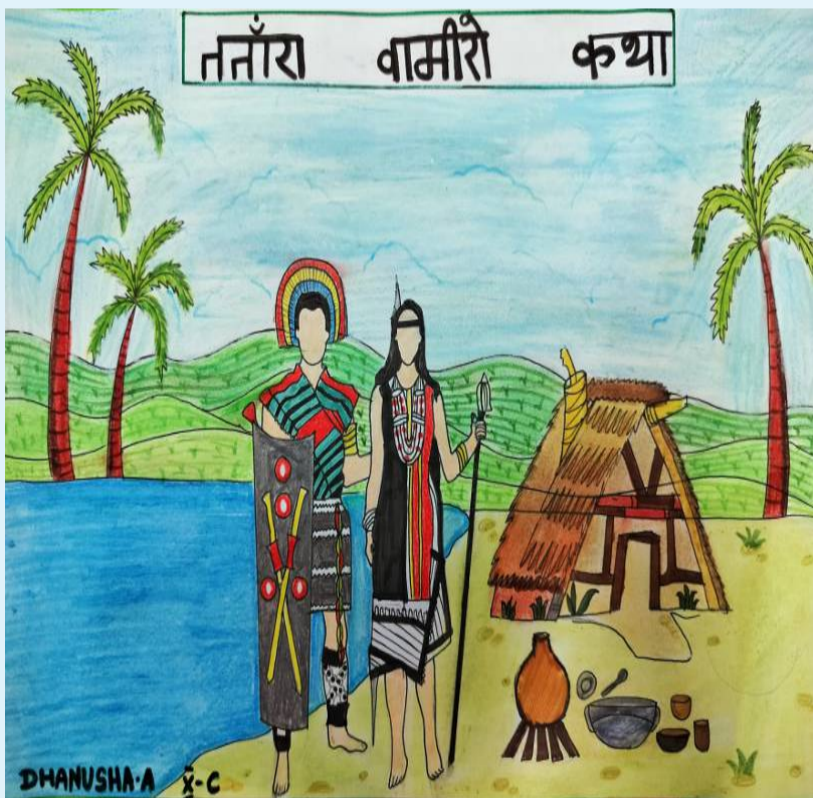


Eniyan  
X-A





Baladityaa  
IX-D



Dhanusha  
X-C



Harkesh M J  
VII-D

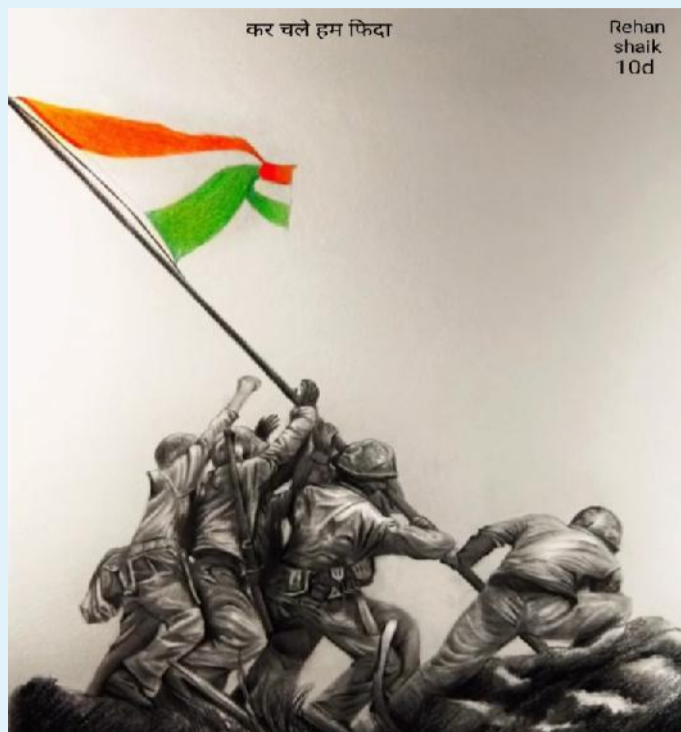


Rinitta Jecinth.A  
XI-D





Gokul Harish  
IX-A



Rehan Shaik  
X-D



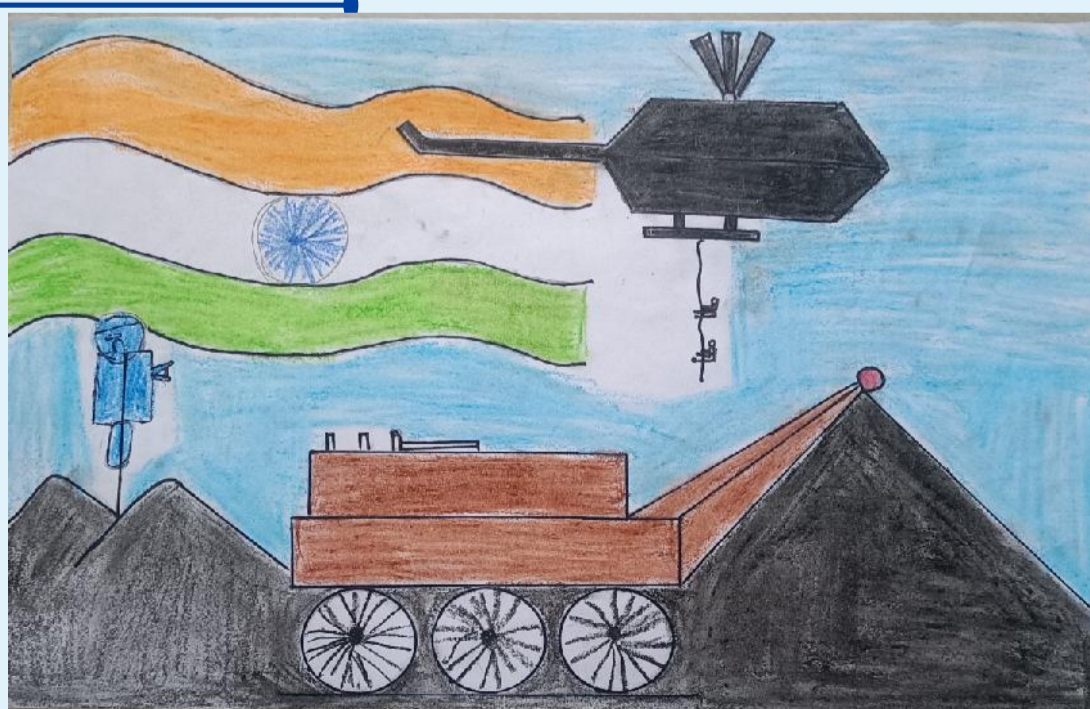
Samarth  
VI-A



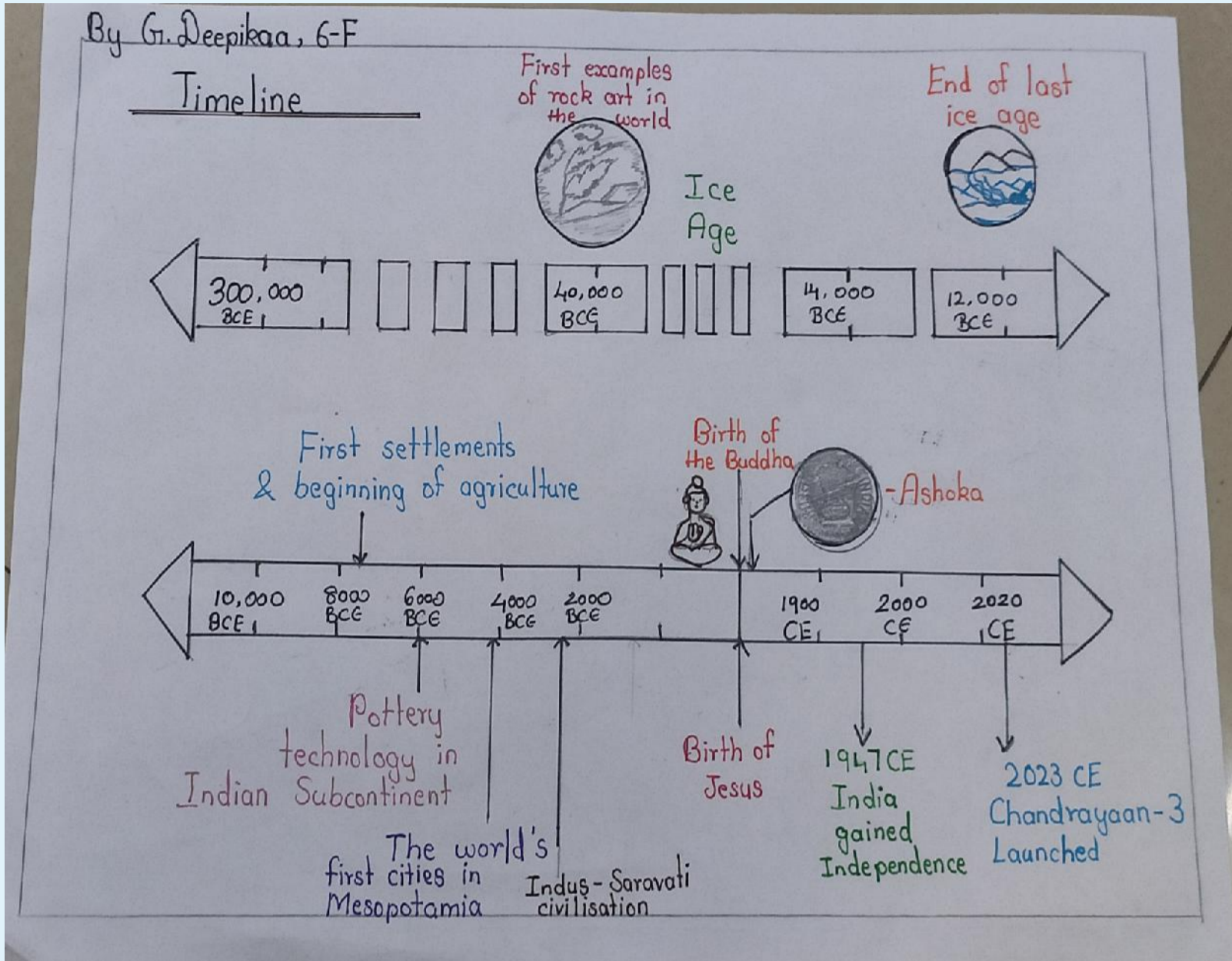
Sriya Anand  
X-B



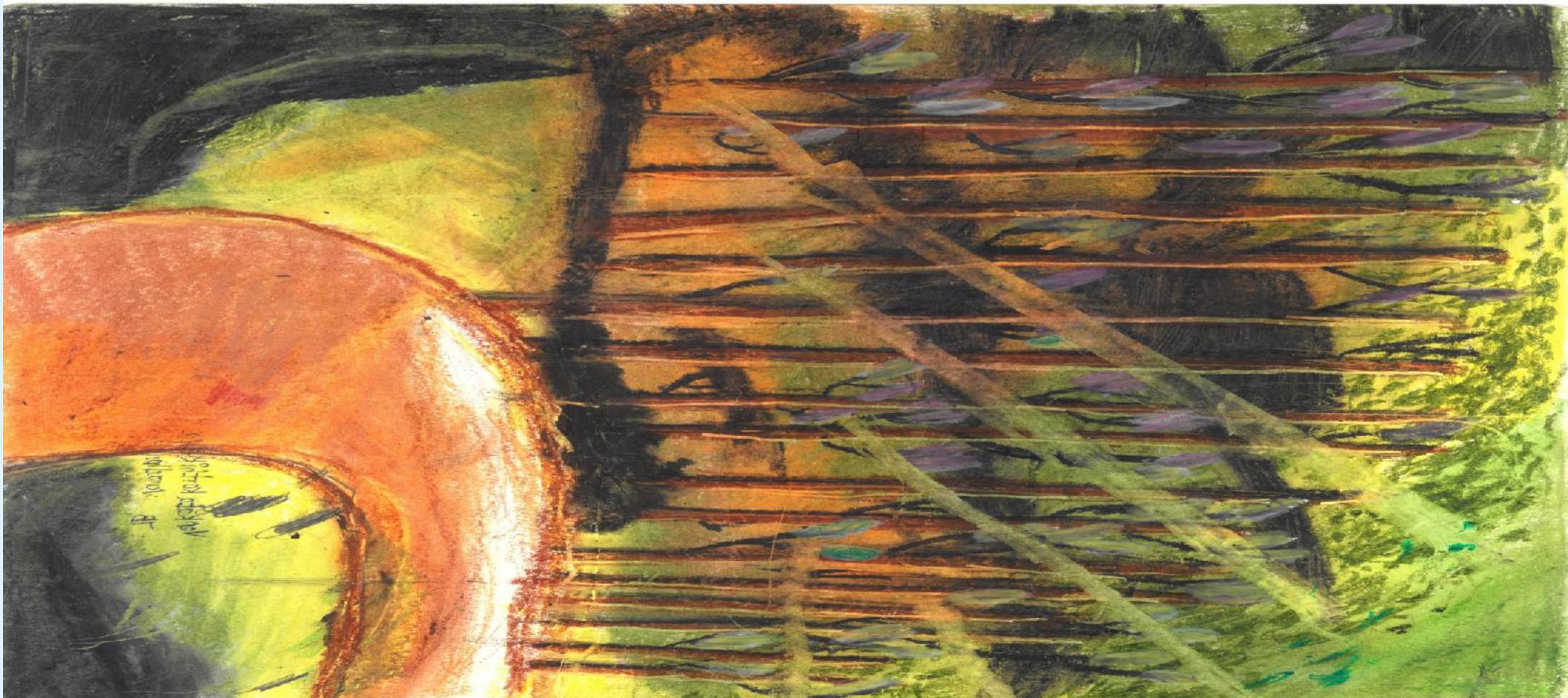
Divashini  
VI-B







Deepika G VI-F



VENKATA KARTHIKEYA VARDHAN VII-B



## ROBOLUTION



**Robolution** was a thrilling Intra-School Robotics competition held on 25th and 26th June, 2024. The event brought together the brightest minds in the school, with 85 teams eagerly competing across four dynamic events: **Robothon, Design Thinker, Circuit Breaker, and Code Builder.**

The **Robothon** event challenged students to build and program robots to complete complex tasks, pushing the boundaries of their engineering skills.

**Design Thinker** focused on creativity and innovation, requiring participants to conceptualize and present original robotic solutions to real-world problems.

**Circuit Breaker** tested students' knowledge of electronics and circuitry, where teams had to troubleshoot and design functional circuits under time constraints.

Finally, **Code Builder** showcased coding prowess, as participants developed algorithms to create 3D design and solve intricate challenges.

Our esteemed chancellor honoured the event with his presence, offering inspiring words and support to all participants. The competition was also judged by a distinguished team of professors from various universities who brought their expertise and experience to evaluate the various events, ensuring a fair and rigorous assessment of the participants' efforts.

Students demonstrated exceptional creativity, problem-solving skills, and collaboration, making Robolution a resounding success and an inspiring platform for the future innovators of SRM Public School.

## SRM SATELLITE PAYLOAD LAUNCH



Our school successfully launched a payload SR0 DEMOSAT with ISRO and Space Kidz India on 16th August, 2024. This payload was launched aboard India's Small Satellite Launch Vehicle (SSLV) as part of a mission that also included an Earth observation satellite. The students' participation in this project highlights their involvement in real-world space technology and innovation.

Our school provided an exceptional opportunity for the students to delve into the realm of space exploration and learning. It encompassed a comprehensive study of space, spacecraft, launch vehicles, and programming, fostering an engaging and interactive learning environment. The experience of developing the satellite was truly remarkable, providing the students with insights into aerodynamics, astrophysics, and beyond. The satellite's payload purpose is to monitor environmental conditions, including temperature, radiation performance, and to provide valuable data about its surroundings and assist in understanding those conditions. Ground station facility has been set in our campus to monitor the signals from satellite and to establish communication between the satellite and the ground.



## GLOBAL DESIGN CHALLENGE PROGRAMME

The Global Design Challenge Workshop aimed to address contemporary design challenges on a global scale by fostering collaboration, creativity, and innovation among participants. Over the course of eight weeks, participants engaged in weekly sessions focused on various aspects of design thinking and problem-solving. They were engaged in training of google teachable machine, waste management, arduino based trashbot and forensic investigation.

The key learning of the program are

- ◆ Participants gained a solid understanding of design thinking principles and methodologies.
- ◆ Enhanced creativity and problem-solving skills through hands-on activities and practical exercises.
- ◆ Increased awareness of global design challenges and the importance of sustainable design practices.
- ◆ Improved teamwork and collaboration through group projects and discussions.



## YOUNG SCIENTIST INDIA COMPETITION



The Young Scientist India (YSI) competition, organized by Space Kidz India, was a prestigious event held over two days, 22nd and 23rd August 2024, attracting over 18,000 ideas from young minds across the nation. Harish GL and Jaimitran from our school were selected in the top 20 finalists.

The event commenced at Raj Bhavan Guindy, with the Governor as the chief guest. The projects were judged by a panel of professors from IIT Madras, and experts from Siemens and space kidz organization.

A featured session was organized with two Russian cosmonauts who shared their space journey experience, our students gained valuable insights regarding space and it is an inspiring event that connects students to the wonders of space and the human spirit of exploration.





## WORLD ROBOT OLYMPIAD



Our students achieved great success in the regional level of the world robotic Olympiad earning medals and securing spots in the nationals in three different categories. Ten teams from SRMPS competed against 50 teams from Tamilnadu, Kerala and Andaman and Nicobar Islands.

The Techbenders team claimed the top spot in the Senior Future Innovators category, while the sparkbots team secured second place in the Elementary Future innovators category and the team Explorers earned a spot in the national championship by receiving special jury award. Inspiring event that connects students to the wonders of space and the human spirit of exploration.



## IMPORTANCE OF CIRCLE TIME IN EARLY CHILDHOOD

Circle time is an integral part of the daily routine in many kindergarten classrooms, typically taking place at the beginning or end of the day. During circle time, children and their teacher sit together on the floor or in chairs, forming a circle. This arrangement allows everyone to see each other's faces, making it easier to connect and communicate.

One of the primary benefits of circle time is that it provides an excellent opportunity for children to practice speaking and listening. They learn to share their thoughts, ask questions, and engage in discussions. Whether they are singing, clapping, or sharing ideas, children are motivated to participate actively. This active participation not only makes learning enjoyable but also enhances information retention.

Teachers often use circle time to discuss important topics such as kindness, sharing, or managing emotions like anger. These discussions help children understand and regulate their emotions, develop empathy, and interact appropriately with others, enabling them to handle social situations with confidence.

Additionally, circle time provides a predictable structure to the day, which helps children feel secure and understand what to expect. This sense of routine aids in the development of self-discipline and time management skills.

Circle time is also an effective way to introduce new concepts to the entire class simultaneously, allowing for collective learning and group activities. Through these shared experiences, children develop a sense of belonging and learn to appreciate their classmates' contributions.

Circle time is not just a daily routine; it is a vital part of the learning experience that supports the social, emotional, and cognitive development of young children. By helping children develop essential skills, circle time lays the foundation for lifelong learning and helps create a positive and inclusive classroom environment where every child feels valued and eager to learn.



Ms. Saswati Das  
KG-Cordinator

## "THE FORGOTTEN ART: REDISCOVERING THE MAGIC OF STORYTELLING"

Dear Readers,

How many of us truly take time to talk to our children about their day? We often find time for work, household chores, and even for scrolling through our phones. But are we carving out moments to connect with our kids, or at the very least, to share a bedtime story?

It's time to spotlight the importance of storytelling—a practice that many of us are neglecting in our busy lives. In our modern world, where digital screens and fast-paced lifestyles dominate, one cherished tradition often fades into the background: storytelling. Once a central part of family life, storytelling is a practice that can enrich our daily lives and strengthen our connections with one another.

Storytelling isn't just about entertainment, it's a vital part of nurturing our children's emotional and cognitive development. It's a chance to bond, share values and create lasting memories.

The first and foremost, storytelling strengthens the family bond. By regularly sharing these stories, we preserve our family heritage and ensure that younger generations understand and appreciate their roots. This connection to the past can provide a sense of identity and continuity.

Storytelling isn't just about telling tales, it's about engaging in meaningful conversation. It helps develop essential communication skills such as listening, empathy and the ability to articulate thoughts and feelings. Encouraging children to share their own stories fosters confidence and improves their narrative

abilities.

Family stories create memories that we cherish and remember fondly. They help us relive happy moments and keep our family history alive.

Finally, "Did you know that storytelling can improve memory retention by up to 65%? This means that when information is presented in the form of a story, people are much more likely to remember it compared to other forms of communication, like plain facts or data.

"Incorporating storytelling into our daily lives doesn't require elaborate plans or significant time investments.

It can be as simple as sharing a story at the dinner table, during bedtime routines, or even through family gatherings.

Encourage everyone in the family to share their experiences, anecdotes and reflections. Make it a regular practice to keep the art of storytelling vibrant and alive.

In a world full of distractions, let's take a moment to reconnect with our children and each other through the timeless art of storytelling. It's a simple yet profound way to bond, share values and create lasting memories.

Let's rediscover the joy of storytelling.



Doly Fathima Rani R  
KG Teacher



## BACK TO SCHOOL



## YOGA DAY



## PICNIC DAY





FATHERS' DAY



FAIRYTALE DAY

HUG DAY



DOCTORS' DAY





## TIGER RALLY



## RED DAY



## FAVOURITE BOOK DAY





**INDEPENDENCE DAY**



**KRISHNA JAYANTHI**



**BUBBLES DAY MAGIC!**





BLUE DAY



GANESH CHATURTHI



STEM ACTIVITIES





## PUPPET SHOWS



## ONAM CELEBRATION





## EFFECTIVE QUESTIONING BY IBT ACER INDIA

## BEHAVIORAL SCIENCE- MR.RAGUNATH.S.R



## INCLUSIVE EDUCATION BY CBSE

## TEACHING TECHNIQUES & HANDS ON EXPERIENCE



## FOSTERING A GROWTH MIND SET BY DR.K.R.MALATHI

## USING THE NCERT TEXT BOOK EFFECTIVELY BY MS.VIJAYALAKSHMI RAJA





**CYBER SAFETY**  
**MS PRIYA VENUGOPAL,**  
**TECHNOLOGY INTEGRATOR**

**MOBILE SAFETY WORKSHOP –SRMIST**



**ART OF STORY TELLING IN MEDIA**



**EFFECTIVE PREPARATION FOR MUN**

**IMPORTANCE OF THE OZONE LAYER-**  
**DR.B.AMUTHA INDIA METEOROLOGICAL**  
**DEPARTMENT**





## CAMBRIDGE ENTREPRENEURSHIP TRAINING BOOTCAMP

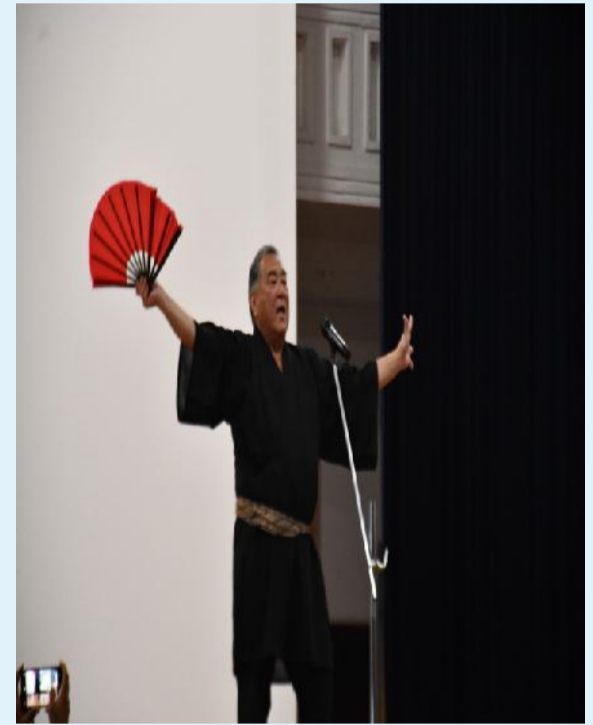


52 students of grades 11&12 successfully completed a 40 hours \*Cambridge Entrepreneurship\* Training Bootcamp organised under the aegis of the Cambridge University, UK, that spanned over 5 weeks. The students worked in groups on the various projects and tasks learnt valuable lessons in time management , team building, collaboration, out of the box thinking and many more. The greatest takeaways from the bootcamp were life lessons like 'Entrepreneurship is not difficult' and 'Seize every opportunity that comes your way'.

## INTERNATIONAL STORYTELLING FESTIVAL



SRM Public School, organized a spectacular International Storytelling Festival on August 30, 2024. Held at the prestigious TP Ganesan Hall, SRMIST campus, the festival brought together a vibrant community of storytellers from eight different nationalities, each bringing their unique cultural flavors to life through the art of storytelling. The storytellers captivated the audience with tales told in multiple languages, including French, Russian, English, and Tamil, inviting the young listeners to join in with repeated choruses, creating a dynamic and interactive experience.



## ANNUAL DAY



Amidst a glittering ceremony held at the T P Ganesan Auditorium at SRMIST, Katankulathur Campus, the Annual Day of SRM Public School was a gala affair. The event was graced by Dr T R Paarivendhar, Former Member of Parliament and the Founder Chancellor of the SRM Group of Institutions, as the Chief Guest, Dr Kannan Gireesh, Founder & CEO of LiveLife Education, as the Guest of Honour and Presided over by Dr P Sathyanarayanan, Pro Chancellor, SRMIST and President of the SRM Public School. The event was a platform to celebrate the dedication and the academic achievements of the teachers as well as students. However the highlight of the evening was the Theatrical musical titled, ' 7 Habits of Highly Effective People'. Envisaged and scripted by Dr K R Maalathi, choreographed immaculately by the Atma Theatre Group and executed to perfection by the young



“I hear and I forget. I see and I remember. I do and I understand.” Confucius. Hands on activities help students to understand the concepts taught in class. Learning becomes fun when children put on their creative caps and engage in activities such as making collages, models, charts, projects etc. These occasions help the children to hone their leadership skills by giving an opportunity to collaborate, listen to others, share their ideas and synergies with their class mates.

**SAVE NATURE**



**FATHERS DAY ACTIVITY**



**PALM PRINTING ACTIVITY**



**SHAPES ACTIVITY**



**MELA DECORATION**



**GANESH CHATURTHI ACTIVITY**





### RAINBOW ACTIVITY OF



### SALAD -MAKING ACTIVITY



### WORLD ENVIRONMENT DAY ACTIVITY



### EARTH DAY ACTIVITY WINNERS



### MELA DECORATION



### JANMASHTAMI ACTIVITY





## NUMBERS ACTIVITY

## HONEY BEE ACTIVITY



## RANGOLI ACTIVITY

## ECO CLUB ACTIVITY

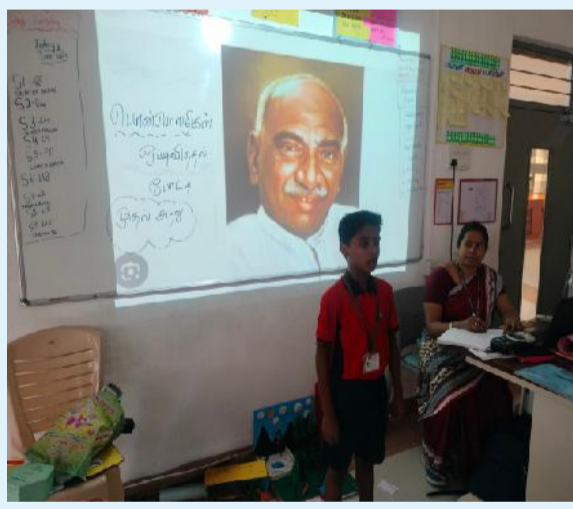


## EARTH DAY ACTIVITY

## KAMARAJAR DAY ACTIVITY

## SENIOR CITIZEN DAY ACTIVITY

## PREPOSITION ACTIVITY



## WHOSE FOREST-ADHIVASI ACTIVITY

## TOPSY TURVY LAND – POEM ACTIVITY

## DISSECTION OF HIBISCUS FLOWER TO LEARN ABOUT THE PARTS OF THE FLOWER





**FIELD TRIP TO  
FARMHOUSE - KG**



**GUINDY NATIONAL PARK -GRADE 1**



**BIRLA PLANETARIUM GRADE 4**

**VANDALUR ZOO- 2 AND 3**





## Family Training Grade IX..



The first LIM event, LIM Family training of this academic year was kicked off by the students of grade 9 on August 10, 2024. It was a student-led programme where the students did everything right from planning, badge making, scripting to welcoming the parents and presenting the programme. The programme bore an insight into the students' understanding of the 7 habits. The programme left an everlasting impression in the hearts of the performers as well as the viewers through the energetic LIM song .

### CLASS MISSION STATEMENT AND STUDENT MISSION STATEMENT





BIRLA PLANETARIUM GRADE 5



THE NATIONAL FOSSIL WOOD PARK –  
GRADE VIII

VELLORE SCIENCE EXHIBITION -CLASS IX





SRM AGRICULTURE COLLEGE AND FARM-X to XII










EDUCATIONAL TRIP FOR PSYCHOLOGY STUDENTS -XI & XII





**GRADE XII TOPPERS  
2023-24**

 <b>97%</b> <b>Sivesh J</b>	 <b>97%</b> <b>Siddharth R</b>	 <b>96%</b> <b>Vathsalya B</b>	 <b>96%</b> <b>Tanishq S</b>
 <b>95%</b> <b>Aravind G</b>	 <b>95%</b> <b>Mithul J</b>	 <b>95%</b> <b>Sreenidhi R</b>	

**GRADE X TOPPERS  
2023-24**

 <b>99.8%</b> <b>Jasmitha A</b>	 <b>98%</b> <b>Swetha Padmasini S</b>	 <b>97.8%</b> <b>Shivani B</b>	 <b>97.8%</b> <b>Ardra Sijesh M</b>
 <b>97.8%</b> <b>Dheetchitha Pavaluru</b>	 <b>97.4%</b> <b>Jeysree A</b>	 <b>97.2%</b> <b>Sachit Krishna V</b>	



**GRADE XII SUBJECT TOPPERS - 2023-24**

<p><b>ENGINEERING GRAPHICS 100%</b></p> <p>SIDDHARTH R MITHUL J</p>	<p><b>CHEMISTRY 100%</b></p> <p>SIVESH J</p>	<p><b>SOCIOLOGY 100%</b></p> <p>SREEMODHI R</p>	<p><b>ECONOMICS 99%</b></p> <p>TANISHQ S</p>
<p><b>ENTREPRENEURSHIP 99%</b></p> <p>MADEERA ANJUM Z</p>	<p><b>ENGLISH 98%</b></p> <p>SIDDHARTH R MADEERA ANJUM Z SURIYA V</p>	<p><b>BUSINESS STUDIES 99%</b></p> <p>VARSHAA P</p>	<p><b>MATHEMATICS 96%</b></p> <p>SIVESH J</p>
<p><b>COMPUTER SCIENCE 96%</b></p> <p>SIVESH J</p>	<p><b>ACCOUNTANCY 96%</b></p> <p>TANISHQ S</p>	<p><b>PHYSICS 96%</b></p> <p>SIVESH J SIDDHARTH R ARAVIND G</p>	
<p><b>BIOLOGY 95%</b></p> <p>SURIYA V ROPESH R</p>		<p><b>PSYCHOLOGY 95%</b></p> <p>SHIVANI R G</p>	

**GRADE X SUBJECT TOPPERS - 2023-24**

<p><b>TAMIL 100%</b></p> <p>JASMITHA A SWETHA PADMASINI S JEYSHREE A</p>	<p><b>SOCIAL SCIENCE 100%</b></p> <p>JASMITHA A JEYSHREE A SAKTHI SAI M ARDRA SIJESH M</p>		
<p><b>ARTIFICIAL INTELLIGENCE 100%</b></p> <p>JASMITHA A SACHIT KRISHNA V SHEKINAH JASMINE G ARDRA SIJESH M SHIVANI B</p>	<p><b>MATHEMATICS 100%</b></p> <p>JASMITHA A VIKHRAM R</p>		
<p><b>SCIENCE 99%</b></p> <p>JASMITHA A SWETHA PADMASINI S SHEKINAH JASMINE G</p>	<p><b>SANSKRIT 97%</b></p> <p>NAVINA.S NANDANA NITESH</p>	<p><b>ENGLISH 97%</b></p> <p>KARTHIK SARVESH</p>	<p><b>HINDI 96%</b></p> <p>ARDRA SIJESH M</p>





# Admissions open for the Academic Session 2025-26 (CBSE REGULAR STREAM & NIOS)

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