



# SRM

PUBLIC SCHOOL

A SENIOR SECONDARY SCHOOL

**Educating Minds. Enriching Lives**

*Newsletter*

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GRADE X

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*Abhivyakti*  
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# From The Desk Of the VICE PRINCIPAL (ACADEMICS)



## G 20 Decoded

The year 2023 holds a special significance for all Indians as India holds the Presidency of the G20 or the group of 20. So I thought it appropriate to shed light on what is G20 and what is the significance of India's Presidency of the G20.

The history of the G20 dates back to the year 1997, when an economic crisis threatened many east asian countries. The value of the currencies fell. Also, businesses went bankrupt, and many people lost their jobs. People also lost the money they had invested. The crisis that began in one part of the world threatened to spread to the other parts as well. Hence nearly 22 countries met in the US in 1999, where the idea of forming a global group to combat and prevent such a financial crisis was born.

Today G20 as it is known, comprises of 19 of the most important industrialized and emerging countries and the EU. This group is just a forum where the world leaders meet to discuss issues of global concern. In the recent times in addition to topics on economics and finance, other aspects are also included in the agenda,

such as

- ❖ Climate
- ❖ Energy
- ❖ Food
- ❖ Health
- ❖ Social issues

This forum does not have a fixed headquarters. So every year a different country is granted its presidency where all the conventions are held.

India took over its Presidency from Indonesia in December 2022.

During its term, India will hold more than 200 meetings across some 50 cities involving ministers, officials and civil society, leading up to a marquee summit in the capital New Delhi in September 2023. The summit will be attended by around 30 heads of state and government, from G20 members and invited countries.

In the current geo political scenario, the Presidency holds a lot of significance for India. It is proof that India has emerged as a nation with a strong economic base. The manner in which India handled COVID-19

and came out with minimal damage, where the most developed countries lost heavily, was proof that India was a strong nation. Today when India speaks, the world listens. As each city prepares to host world leaders and representatives of various ministries, it is an occasion to showcase our culture, potential for tourism and infrastructural development.

Hence India's presidency will be a significant milestone as it seeks to find practical global solutions for the benefit of all and embody the idea of "Vasudhaiva Kutumbakam," or "the world is one family." The year 2023 holds a special significance for all Indians as India holds the Presidency of the G20 or the group of 20. So I thought it appropriate to shed light on what is G20 and what is the significance of India's Presidency of the G20. of "Vasudhaiva Kutumbakam," or "the world is one family."

**Ms. Vijaya Nagarajan**  
Vice Principal (Academics)

# *From The Desk Of the* Secondary School Coordinator



## **How to be a successful student?....**

Being a good student doesn't just mean achieving high scores on tests. It means having:



**a love of learning,  
a passion for knowledge,  
a hunger to develop and grow academically.**

- Always arrive to class prepared to work with all the materials needed.
- Taking notes in the class is very important to get the scores you need.
- Focus on your work to be a successful student.
- Always ask for help from a teacher when they are falling behind.
- Consistently set a regular study time.
- If they miss classes, they will have to find out what they missed and make sure they understand all that was covered.

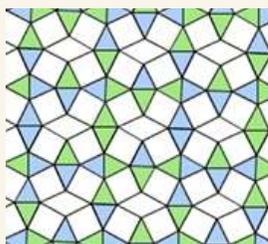
**MS. Vyjayanthi.S**  
Secondary School Coordinator

## TESSELLATION IN MATHEMATICS

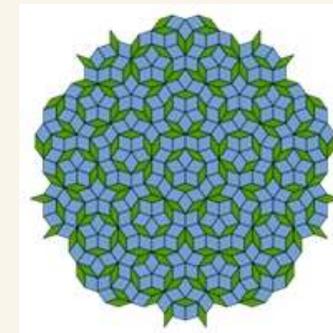
A tessellation is a special type of tiling (a pattern of geometric shapes that fill a two-dimensional space with no gaps and no overlaps) that repeats forever in all directions. They can be composed of one or more shapes...anything goes as long as the pattern radiates in all directions with no gaps or overlaps. You can find tessellations of all kinds in everyday things—your bathroom tile, wallpaper, clothing, upholstery... and even in paper towels!

Because tessellations repeat forever in all directions, the pattern can't have unique points or lines that occur only once, or look different from all other points or lines. Additionally, a tessellation can't radiate outward from a unique point, nor can it extend outward from a special line.

While any polygon (a two-dimensional shape with any number of straight sides) can be part of a tessellation, not every polygon can tessellate by itself! Furthermore, just because two individual polygons have the same number of sides does not mean they can both tessellate. In a tessellation, whenever two or more polygons meet at a point (or vertex), the internal angles must add up to  $360^\circ$ . Only three regular polygons (shapes with all sides and angles equal) can form a tessellation by themselves—triangles, squares, and hexagons.

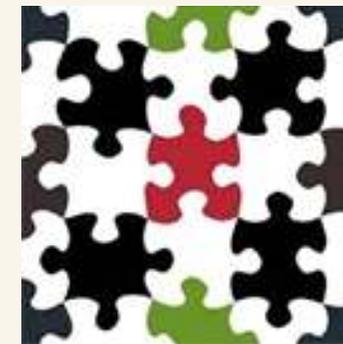
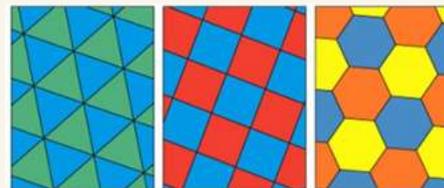


What about circles? Circles are a type of oval—a convex, curved shape with no corners. Circles can only tile the plane if the inward curves balance the outward curves, filling in all the gaps. While they can't tessellate on their own, they can be part of a tessellation... but only if you view the triangular gaps between the circles as shapes.



There are three different types of tessellations :

- Regular tessellations are composed of identically sized and shaped regular polygons.
- Semi-regular tessellations are made from multiple regular polygons. Only eight combinations of regular polygons create semi-regular tessellations.
- Meanwhile, irregular tessellations consist of figures that aren't composed of regular polygons that interlock without gaps or overlaps. As you can probably guess, there are an infinite number of figures that form irregular tessellations!



Click on this link to create your own Tessellations:

<https://www.nctm.org/Classroom-Resources/Illuminations/Interactives/Tessellation-Creator/>



**MS.BHARATHI.K**  
Classteacher of X-A.

# The Educators write...



## AIM IN LIFE

Each one must have an aim in life. An aimless life is directionless. Swami Vivekananda said: “Everything is possible, you can do anything and everything”. One must make the aim as one's passion and have a clear focus towards one's goal. When an ambition becomes a passion, you love doing it and won't take it as a burden. One must dream big, sky is the limit. In the words of Norman Vincent Peale “Shoot for the moon. Even if you miss, you'll land among the stars.”

The choices that you make create differences in your life as well as in the lives of those for whom you want to make a difference. It requires courage, strong willpower, determination, consistent efforts, patience, persistence, perseverance and focus to fulfil one's dream.



**MS.JEYASHREE.R**  
HOD-Social Science Department

## NAVIGATING THE TEENAGE ODYSSEY – A TEACHER'S MESSAGE

**Believe in Yourself** - You possess incredible potential and unique talents waiting to be discovered. Believe in your abilities and have confidence in your dreams. Trust that with determination and hard work, you can overcome any obstacle and achieve greatness.

**Embrace Failure as a Stepping stone** - Mistakes and failures are part of the learning journey. Do not let setbacks define you; instead, see them as valuable lessons that guide you towards improvement. Embrace the opportunity to grow, adapt, and emerge stronger from every experience.

**Cultivate a Love for Learning** - Education is not merely about memorizing facts or passing exams; it is about nurturing a passion for learning. Seek knowledge beyond textbooks, explore diverse subjects and develop a curiosity that transcends the classroom. The pursuit of knowledge will enrich your life and empower you to make a difference.

**Embrace Diversity** - Our world is a tapestry of cultures, ideas and perspectives. Embrace diversity and respect the differences that make each individual unique. Engage in conversations, challenge stereotypes and foster an inclusive environment where everyone feels valued and heard.

**Build Meaningful Relationships** - Surround yourself with positive influences and nurture relationships that uplift and inspire you. Seek connections with people who support your aspirations, encourage your growth, and help you become the best version of yourself. Remember, together we can achieve more than we can alone.

**Take Care of Your Well-being** - Your mental, emotional, and physical well-being are paramount. Prioritize self-care, engage in activities that bring you joy, and seek support when needed. Remember, it is not selfish to take care of yourself; it is essential for your overall well-being and success.

**Make a Difference** - Each one of you has the power to make a positive impact, no matter how small. Engage in acts of kindness, volunteer in your community, and be an advocate for issues that matter to you. Your actions, no matter how modest, can create a ripple effect that brings about meaningful change.

In your incredible journey of adolescence, remember, your potential knows no bounds, and with the right mindset and determination, you can achieve remarkable things. Embrace the challenges and cherish the moments of growth along the way.



**MS.S.SRI THURCCA**  
Social Science Department

## सोच और समझ

अक्सर लोग एक-दूसरे से कहते हैं जरा सोच-समझकर काम करो अथवा सोच-समझकर बोला करो | यह सुनने में एक मुहावरा-सा लगता है | इसे बार-बार सुनने पर ऐसा लगता है कि सोचना और समझना दोनों ही मानसिक क्रिया के दो पहलू हैं | हम सोचने की शक्ति के साथ समझने को भी एक ही मान बैठते हैं | लेकिन अगर विद्वानों से पूछा जाए, तो वे कहेंगे कि ये दोनों ही अलग बातें हैं | दोनों में इतना ही अंतर है जितना कि कुछ साफ़ दिखाई देने में या अंधेरे में कुछ ढूँढने में | इन दोनों में बड़ा अंतर है | सोचना, समझ का अभाव है यानी हम सोचते ही इसलिए हैं क्योंकि हम समझ नहीं पाते | जब समझ आती है तो सोच चली जाती है | सोचने में विचार मन और दिमाग के अंदर ही अंदर घूमते रहते हैं, तर्क-वितर्क होता है, फिर भी सही-गलत का पता नहीं चल पाता | सोचने में प्रश्न पैदा होते हैं पर उत्तर नहीं मिलते | समझ के साथ कोई प्रश्न ही नहीं होता बल्कि समझ अपनेआप में ही उत्तर होता है | समझ मन में पैदा होती है, समझ ध्यान से पैदा होती है | जैसे अंधेरे में दीए से रोशनी होती है और सब कुछ साफ़ दिखाई देता है | ध्यान की ऊर्जा आपको अपने भीतर ले जाती है और आप उस स्थान पर पहुँच जाते हैं जहाँ पर समझ का सरोवर होता है | अपने भीतर की समझ को जगाने के लिए रोज कुछ समय आँख मूँदकर, बिना किसी तनाव के शांत होकर बैठिए फिर आप जान पाएँगे कि मौन स्थिति में रहकर जो रोशनी सी उठ रही है, वही समझ है |



**MS.PADMA KANNAN**

HOD-Hindi Department

## மகிழ்ச்சி நம்மிடமே!

வாழ்க்கையில் நாம் வாழும் ஒவ்வொரு நொடியும் புதிய தொடக்கமே.... ஒவ்வொரு நொடியையும் ஆழ்ந்து அனுபவித்து வாழப் பழகவேண்டும். ஒவ்வொரு நாளும் ஒரு புது ஆரம்பம் தான். நாம் சிறப்பாக வாழ வேண்டும் என்றால், நமக்கு முதலில் நம்பிக்கையும், நம்மால் முடியும் என்ற தன்னம்பிக்கையும் இருக்க வேண்டும். அந்தந்தக் கணத்தில் வாழுங்கள். கடந்து போன நிமிடமும், வரப் போகும் நிமிடமும் நமக்கானதல்ல. இன்று இப்போது மட்டுமே நிஜம்!

மற்றவர்கள் நம்மை பற்றி என்ன நினைப்பார்கள் என்று எண்ணி செயல்படாதீர்கள். உண்மையுடன் நமது கடமையை உணர்ந்து பலனை எதிர்பாராமல் அடுத்த செயலை நோக்கி வீர நடைபோடுங்கள். பிறகு "உழைப்பே உயர்வு தரும்" என்பதற்கேற்ப நம்மிடம் பல வெற்றிக்கனிகள் வந்தடைவது நிச்சயம்! நமது அருமை முண்டாசுக் கவிஞர் கூறியது போல் "திண்ணிய நெஞ்சம் வேண்டும். தெளிந்த நல் அறிவு வேண்டும்" என்பதோடு நமக்கு சலனமற்ற நெஞ்சமும் வேண்டும்.

ஆகவே, அன்பர்களே! தோல்விகள் நம்மை சூழ்ந்தாலும், இருளை விளக்கும் கதிரவன் போல அதனை நீக்கி அடுத்து வரப்போகும்

வெற்றிக்கான படிகளில் காலடி எடுத்து வையுங்கள். முடியும் வரை அல்ல, உங்கள் இலக்கினை அடையும் வரை!

பிறரை மதிப்புடன் நடத்துங்கள். எத்தனை கடினமான பிரச்சனையாக இருந்தாலும் சிறு புன்னகை, அதை மாற்றும் வல்லமையுடையது என்பதை நம்புங்கள்.

சுய அக்கறை கொள்ளுங்கள். "நம் தோற்றம் நல்ல முறையில் இருக்கிறது" என்கிற எண்ணமே 70% நம்பிக்கையை, மகிழ்ச்சியை தரக்கூடியது என்கிறார்கள் நிபுணர்கள்.

எதையும், எப்போதும், எங்கேயும், யாரிடமும் எதிர்பார்க்காமல் வாழ்ந்தால் என்றென்றும் மகிழ்ச்சியே! அடுத்தவர்களோடு நம்மை ஒப்பிடாமல் நமது வாழ்க்கையை நாம் மகிழ்ச்சியோடு வாழ வேண்டும். பேராசைகளைக் குறைத்து இருப்பதைக்கொண்டு சிறப்பாக வாழப் பழகவேண்டும்.

நல்ல அறிவைத் தேடி, நதி போல ஓடி; நற்செயல்களை நாடி, நல்லவர்களுடன் கூடி; நல்ல மனம் உடையவராய்! சிரித்த முகம் கொண்டு, சிறந்த எண்ணம் கொண்டு; மகிழ்ச்சியாய் வாழ்வோம்! வாழ்க தமிழ்! வளர்க இவ்வையகம்! நன்றி! வணக்கம்.

**MS.KARPAGAVALLI**  
HOD-Tamil Department



## प्रसन्नता

अस्मिन् जगति सर्वत्र एकस्मिन् पक्षे मनुष्यस्य स्थितिः समाना एव । सः स्वजीवनस्य बाह्यरूपेण, भिन्न-भिन्न-देशेषु, भिन्न-भिन्न-जाति-, भिन्न-भिन्न-संस्कृती, भिन्न-भिन्न-भाषा, भिन्न-भिन्न-जीवन-आहार-वेष-आदिषु कियत् अपि विशालरूपेण भिन्नः भवेत्, तथापि एतेषु सर्वेषु पक्षेषु सः सर्वथा भिन्नः भवेत्, परन्तु एकं वस्तु अस्ति यत् सर्वेषां मानवव्यक्तिनां कृते समानम् अस्ति। अयं च कारकः तान् वैश्विकैकतायां बध्नाति। यदि विश्लेषितं भवति तर्हि आविष्कृतं भविष्यति यत् सर्वा मानवता दिने दिने पालनात् चित्तापर्यन्तं केवलं कष्टप्रदानुभवपरिहाराय, यत् तेभ्यः सुखप्रदं तत् प्राप्तुं प्रयत्नेन च निरन्तरतया प्रवृत्ता अस्ति। तथापि प्रिय साधक, अहं भवन्तं एतत् एकं बहु महत्त्वपूर्णं प्रश्नं पृच्छामि। सृष्टिकालात्, किं एकः एव व्यक्तिः अस्मिन् पृथिव्यां जातः यः साहसेन उत्तिष्ठति, "मम जीवने मया कदापि किमपि दुःखं वा दुःखं वा दुःखं वा किमपि न अनुभवितम्। मम सम्पूर्णं जीवनं पूर्णं जीवनं जातम्" इति घोषयितुं शक्नोति आनन्दस्य, सुखपूर्णः, आनन्दपूर्णः" इति। अतः महालोकगुरुः भगवान् श्रीकृष्णः अस्मान् प्रदातुम् एषा अतीव महत्त्वपूर्णं अन्वेषणम् आसीत् यदा सः अवदत्- "हे अर्जुन, एते सर्वे अनुभवाः पञ्चेन्द्रियेषु एकस्य वा अन्यस्य वा स्वस्वेन्द्रियविषयाणां सम्पर्केन आनीताः, एते अनुभवाः परमं दुःखस्य स्रोतः भवन्ति। एतेषु इन्द्रियसंपर्केषु इन्द्रियानुभवेषु च वास्तविकं सुखं नास्ति। ते केवलं क्षणिकसंवेदनानि एव पश्चात् भवन्तं दुःखं ददति।

## HAPPINESS

Everywhere in this world, in one respect, the human condition is the same. However vastly a person may differ in the outward appearance of his life, in different countries, in different races, in different cultures, in different languages, in different ways of life, diet, dress, etc., there is one thing that is common to all human persons-the quest for happiness.

And this factor binds them into global unity. If analyzed, it will be discovered that all humanity, day by day, from the cradle to the grave, is constantly engaged in simply avoiding painful experiences and in trying to achieve that which brings them happiness. However, dear seeker, let me ask you this one very important question. Since creation, is there even one person born on this earth who can boldly stand up and declare, "I have never experienced any pain or suffering in my life.

My whole life has been a full life of joy, full of happiness. So this was a very important insight for Mahaloka Guru Lord Krishna to impart to us when He said, "O Arjuna, all these experiences brought about by contact with one or other of the five senses and their respective sense objects are a source of supreme suffering. There is no real happiness in these sense contacts and sense experiences t hey hurt you later.



**MR.K.R.MUKUNDAN**  
HOD-Sanskrit Department

# The Educators write...



**5G** is the 5th generation mobile network technology. 5G enables a new kind of network that is designed to connect virtually everyone and everything together including machines, objects, and devices. 5G is already here today, all major phone manufacturers are commercializing 5G phones. 5G also enhances digital experiences through machine-learning (ML)-enabled automation. Demand for response times within fractions of a second (such as those for self-driving cars) require 5G networks to enlist automation with ML and, eventually, deep learning and artificial intelligence (AI). Automated provisioning and proactive management of traffic and services will reduce infrastructure cost and enhance the connected experience.



What is the real-world impact of 5G technology?

## 5G IN EDUCATION

For education, advancement in connected technology (also known as the Internet of Things or IoT), virtual reality (VR), and augmented reality (AR) could well



change the face of education.

## SMART HOMES

Smart home appliances and products are catching up in the market today. The smart home concept will utilize 5G networks for device connectivity and monitoring of applications.

## AUTONOMOUS DRIVING

Self-driving cars are not very far from reality with the use of 5G wireless networks. High-performance wireless network connectivity with low latency is significant for autonomous driving.



## SATELLITE INTERNET

High-speed 5G network connectivity using satellite is one of the most significant improvements in internet technology.



**MS.YESODHA.P**  
Classteacher of X-D.

## THE FUTURE OF FASHION DESIGNING

Fashion designing is an ever-evolving industry that offers a wide range of career opportunities. With the advancement of technology and changing consumer preferences, the industry is constantly in a state of flux, which makes it a dynamic and exciting career choice. Sustainability and eco-friendliness are becoming increasingly important in the fashion industry.

Consumers are becoming more conscious of the impact of fashion on the environment and are looking for products that are made from sustainable materials and processes. Fashion designers who incorporate eco-friendly practices into their designs and production processes are likely to have a competitive edge in the future.

### Future of Fashion Designing in India

The future of fashion designing in India looks promising as the country continues to emerge as a global fashion hub. With a rich cultural heritage and a growing middle class, there is a huge demand for modern and traditional clothing. The use of sustainable and eco-friendly materials is also gaining momentum, as consumers become more conscious of their environmental impact.

Furthermore, advancements in technology have enabled fashion designers to create innovative designs and reach a wider audience through online platforms. With the right infrastructure and support from the government and industry, India has the potential to become a leading fashion destination in the world.

### Conclusion

In conclusion, fashion designing is an exciting and dynamic industry that offers a wide range of career opportunities. The future of fashion designing is likely to be characterized by sustainability, digitalization, personalization, and customization.

If you are interested in pursuing a career in fashion designing, there are several courses available to help you gain the necessary skills and knowledge, including a Bachelor of Design in Fashion Design, a Diploma in Fashion Design, and a Certificate Course in Fashion Design. In Mumbai, there are several top-notch fashion designing institutes, including the National Institute of Fashion Technology (NIFT), Pearl Academy, and JD Institute of Fashion Technology.

MS.REKHA.T  
PHYSICS TEACHER



## என் உயிர் மொழியே!

செந்தமிழே!

தேன் சிந்தும் நறுமலரே!

பாவோடு இலக்கியம் கண்ட பைந்தமிழே!

அன்னையாய் அவதரித்து

அகிலம் போற்றப் பிறந்தவளே!

மணமிக்க மதுரைக்கு

பெருமை சேர்த்தவளே!

மழலை மொழியாய் உருவெடுத்து

மண்ணுலகை ஆள்பவளே!

கம்பனின் கட்டுத்தறியையும்

கவிபாடச் செய்தவளே!

வள்ளுவன் உரைத்த வாயுரையில்

வான்புகழ் பெற்றவளே!

உன்னை என்றென்றும் போற்றுவோம்!

\*\*\*வாழ்க தமிழ் மொழி\*\*\*

MS.KALPANAGANDHI  
TAMIL TEACHER



# The Educators write...



## **ALWAYS BE WITH GRATITUDE**

Once in a village lived a poor farmer with his family. Due to lack of rain and poor harvest poverty prevailed everywhere. Many people went to other villages in search of a living. But this poor farmer, didn't want to leave the land where his ancestors lived. But his wife made him understand that, she and the two kids were dying out of hunger and forced him go in search of job.

Keeping his family situation in mind, he started his journey towards the city. On his way he saw a big pit in which he saw a man, a monkey, a tiger and a snake inside it. They were trying very hard to come out of it. All the animals and the man said, "Sir please save me we will do whatever we can do in return of this favour and show our gratitude". The poor farmer felt sad for them and thought what's wrong if I help them. What's the harm in it and helped all the four to come out of the pit and continued on his journey.

Though he searched from dawn to dusk he couldn't find a job for himself and thought of returning back home. When he crossed the pit he heard someone calling him. He looked around to see who it was and saw the monkey on the tree. It had lot of grapes in hands. The farmer was very

hungry, the monkey understood that and said, "Looks like you are very tired. Here have this and satisfy your hunger." Though he was very hungry he hesitated for a while. "Please don't hesitate. Think of me as your friend and accept this" said the monkey. He ate to his stomach full and thanked the monkey and left the place.

After few minutes, he heard a voice, "Please come my humble lord, I can understand your poverty. See I have lot of gold and diamonds impound with me. Take whatever is necessary for you," said the tiger. Since he couldn't refuse he took some jewellery and left. "What do I do with this jewellery, to whom shall I sell it and make it money?" thought the farmer. He immediately thought of the man he had helped out of the pit. He directly went to him and narrated the incident. He saw the jewellery and understood that the jewellery belonged to the royal family. He immediately thought that he could betray his friend and earn a favour with the king and get a lot of money.

"Please wait a minute, I'll come in a minute," said the man and went to the palace guards and informed that the farmer was a thief. The farmer was punished and was pushed to jail. The farmer was worried. The man didn't even have the gratitude which the monkey and tiger had shown. "Fine, the snake also told me that it

would help. Let's see what it does," thought the farmer. He whole heartedly thought of the snake for a second and the next second the snake appeared in front of him. He narrated the whole incident. "Sir, please listen to me carefully. I will go and bite the queen's leg. I will make it possible that only your touch will cure her. You can also get released," said the snake.

As planned the snake bit the queen. Though all the royal doctors treated they couldn't cure her. At that time the farmer sent word through the guard that he would cure the queen. The king called for him. He thought of the snake in his heart and touched the queen's feet. The queen got cured. The king was also happy. The farmer proved that he was innocent and made the king punish the guilty jeweller. The king gifted the farmer with lots of gold and precious gems.

***Moral: Being ungrateful to the person who helped is the worst deed ever. Do not be ungrateful.***

**MS.REVATHI  
NIOS TEACHER**



## CHEMISTRY ON SUCCESS

In today's world, success comes to those who possess soft skills and a winning image. To become successful in any field in competitive scenario, two things need to happen; First one opportunity to perform. Second when a chance that comes along, one must be able to perform on the given way.



While performance on the given day, depends on hard skills one has acquired through education and skills picked up, getting the opportunity to perform depends largely on creating a great impression by projecting the appropriate image. With increasing competition in every walk of life and the resulting preparation most are aware of the need for hard skills. In this increasingly team-driven and intimate workplace, leaders and follower interact more closely and deficiencies in personality become closer.

So, it is important to understand that although we all carry certain skills experience and ability; the people we meet usually judge us on the basis of what meets their eyes.

'Make hay while the sunshines' – Make use of the opportunity when it knocks your door.

To achieve your goal in life,  
'Add excess amount of Self-belief to your life and shake it well. Let it settle as self-confidence. Later, you will observe all the negativity precipitating at the bottom of your life and pure crystals of positivity with joy and success evolving from it'.



**MS.RAMADEVI**  
**CHEMISTRY TEACHER**

## AMAZING FACTS ABOUT OUR EYES

- ❖ Eyes are thought to have first developed in animals around 550 million years ago! You actually see with your brain, not your eyes.
- ❖ Our eyes function like a camera, capturing light and sending data back to the brain.
- ❖ You see things upside down - it is your brain which turns the image the right way up.
- ❖ You are likely to blink more often when you are talking. A blink typically lasts 100-150 milliseconds.
- ❖ Red-eye in photos is caused by light from the flash bouncing off the capillaries in your eyes.
- ❖ If the human eye were a digital camera, it would have 576 megapixels.
- ❖ On an average, you will blink approximately 4,200,000 times in a single year.
- ❖ We have two eyeballs in order to give us depth perception – comparing two images allows us to determine how far away an object is from us.
- ❖ Eyes heal quickly. With proper care, it takes only about 48 hours to repair a minor corneal scratch.
- ❖ The world's most common eye colour is brown.
- ❖ The first blue-eyed person is said to have lived 6,000-10,000 years ago.
- ❖ Even if no one in the past few generations of your family had blue or green eyes, these recessive traits can still appear in later generations.
- ❖ During a sight test, health conditions including

diabetes and high blood pressure can be detected.

- ❖ Diabetes is the number one cause of blindness in adults in the UK.
- ❖ In the right conditions and lighting, humans can see the light of a candle from 14 miles away.
- ❖ Heterochromia refers to a condition where eyes are two different colours.
- ❖ Contrary to urban myth, no contact lenses can become 'lost' behind your eye due to the structure of your eyeball.
- ❖ Our eyes have small blind spots where the optic nerve passes through the retina, and our brains use the information from the other eye to fill this gap. Smoking reduces your night vision.
- ❖ Our eyes are positioned in a hollowed eye socket, to protect the eye. 80% of vision impairment worldwide is curable.
- ❖ Our eyes are made up of over 2 million working parts.
- ❖ The eyeball weighs around 28 grams.
- ❖ The eye muscles are the most active muscles in the human body.
- ❖ Eye transplants are currently impossible due to the sensitivity of the optic nerve.
- ❖ Everyone has one eye that is slightly stronger than the other.
- ❖ Just behind our pupil is the lens - which is round, flat and thicker toward the middle.
- ❖ The muscles in the eye are 100 times stronger than they

need to be to perform their function.

- ❖ Eyes are the second most complex organ after the brain.
- ❖ Only one sixth of the human eyeball is exposed.
- ❖ Eyes are able to process 36,000 pieces of information in a single hour.
- ❖ In an average life, your eyes will see 24 million different images.
- ❖ The human eye only sees three colours: red, blue and green. All other colours are combination of these. .
- ❖ The human eye can see 500 shades of grey.
- ❖ Scorpions can have as many as 12 eyes and the box jellyfish has 24! Camel's eyelashes can measure up to 10cm long to protect its eyelashes from blowing sand and debris in the desert. As well as super long eyelashes, camels also have three eyelids to protect their eyes from sand. .



**MITUL.R**  
X 'A'

## QUIZ ON “KUMARASWAMI KAMARAJAR”

1) Where was Kamarajar born?

- A) Chennai
- B) Thiruvananthapuram
- C) Trichy
- D) Virudhunagar

**Answer : D)Virudhunagar**

2) Who is Kamarajar's Mother?

- A) Lakshiamma
- B) Meerbai
- C) Jansi rani
- D) Sivakami ammaiar

**Answer : D)Sivakami ammaiar**

3) Name the dam built by Kamarajar

- A) Vaigai dam
- B) Sandynalla reservior dam
- C) Amaravathi dam
- D) Anaikuttam dam

**Answer : B)Sandynalla reservior dam**

4) During which period did he serve as the chief minister of Madras state?

- A) 1963 to 1981
- B) 1981 to 1985
- C) 1956 to 1962
- D) 1954 to 1963

**Answer : D) 1954 to 1963**

5) Which was the scheme introduced by Kamarajar?

- A) Morning meals scheme

B) Free midday meals scheme

- C) Night meals scheme
- D) Afternoon meals scheme

**Answer : B)Free midday meals scheme**

6) What is the name of Kamarajar's father?

- A) Kumarasamy nadar
- B) Gangathar rao
- C) Dhasharad
- D) Sumramaniyan

**Answer : A)Kumarasamy nadar**

7) When was Kamarajar born?

- A) 14 April
- B) 6 June
- C) 3 May
- D) 15 July

**Answer : D)15 July**

8) What is the name of Kamarajar's residence?

- A) Ramanan illam
- B) Shakti illam
- C) Sivani illam
- D) Kamarajar illam

**Answer : D)Kamarajar illam**

9) Which party did Kamarajar belong to?

- A) Trichi national congress

B) Indian national congress

- C) Madhurai national congress
- D) Tamil nadu national congress

**Answer : B)Indian national congress**

10) When did Kamarajar die?

- A) 3 July 1978
- B) 2 October 1975
- C) 2 March 1987
- D) 8 June 1980

**Answer : B)2 October**

## STUDENTS' RESPONSIBILITIES

- 1.Obey teachers & all elders
- 2.Maintain discipline in the class
- 3.Keep the school neat
- 4.Greet everyone with a smile
- 5.Be helpful
- 6.Abide by the rules of the school
- 7.Complete the assigned work on time
- 8.Participate in the activities organized in the school
- 9.Co-operate with the teachers
- 10.Decorate the school with charts, posters and students' achievements



MITUN.R

X 'A'

## THE SPOOKY NIGHT

When evening changes into night,  
Our mood becomes tight.  
Darkness begins to spread over the sky,  
And makes the atmosphere airy.  
Fear starts spreading over our mind,  
Making us blind.

During the spooky night,  
The fear of ghost,  
Makes us burst.

The moon in the sky is shining so bright,  
So, forget all the fright.  
The color of the sky is dark,  
Don't fear for a dog's bark.

The stars are twinkling,  
And the moon is gleaming.  
The sky is calm,

It does not cause any harm.

So, let's go to the bed,  
And rest our head,  
In the right post,  
Without the fear of ghost.



**JASMITHA.A**  
X 'A'

## WONDERS OF MOTHER NATURE

### [FACTS]

1. Strange but true - there are 12 times more trees on Earth than stars in the Milky Way ! - Scientists estimate there are between 200 – 400 billion stars in our galaxy while there are an estimated 1 trillion trees on Earth! Like the stars, trees live a long time and are truly important for life.

2. Metal can weld by itself when in space - This is mainly due to the absence of oxygen in space. Metal fuses more easily because the surface of the metal is not oxidized.

3. An inch of rain is equivalent to about 10-15 inches of snow - This varies depending on the type of snow, but to make 1 inch of water (rain), you need 10 inches of average snow, 4 to 5 inches of wet snow, or 15 inches of powdery snow.

4. An owl does not have eyeballs - The eyes of an Owl are long and tube-like. Because of this shape, they are unable to turn or move their eyes. Instead, they can turn their heads up to 270 degrees to gain vision around their surroundings.

5. Acacia trees can warn each other of danger - If you didn't know, acacia trees have a unique defense system that allows them to better survive. When herbivore animals approach it, it naturally increases tannin production to its leaves that are toxic to them.

6. Remains of 7- feet penguins have been discovered - The human-sized remains of a penguin were discovered in Southern New Zealand in 2017. The bone length was around 1.7 meter long or the average height of a human man.

7. The human brain has shrunk over the last 10,000 years - Scientists believe that this may most likely be due to the decline in the human's average body size. However, this does not mean that humans have grown to become less intelligent.

8. The only mammal that can see UV light is the Reindeer - Here are some interesting nature facts about Reindeers. A reindeer's eyes are not damaged by taking in UV light. By letting UV light enter their eyes, they are also able to better process information about their surroundings without suffering any side effects. They use this ability to find food and avoid predators and other mammals.

9. The Herring fish communicates through farts - These fishes communicate with each other through underwater sounds created by farts. A study also found that high-pitch buzzing helps these fishes communicate better at night. This method is also used to avoid attracting predators.



**SHREENITHI**  
X 'A'

## WHAT IF EARTH'S GRAVITY SUDDENLY DROPS TO 50%

We have all experienced the force of gravity. But what if Earth's gravity was half as strong as now? You'd be able to jump higher. But not only that, animals would grow giant. Why? Let's find out! You decide to go out for a morning jog for the first time in your life. But as soon as you go outside, you feel an extraordinary lightness. At first, you enjoy it and speed up, but then you realize that something's wrong, you're running too fast and too easily.

You notice a puddle ahead of you and jump over it. You jump so far and high that it feels physically impossible. You fall to the ground, shocked. Then you notice there are no scratches on your body, and the ground feels lighter. All the news reports say the gravity on the entire planet has decreased by half.

However, panic quickly replaces the joy of the new conditions. It's become hard for you to breathe. The air has become lighter. The updated force of gravity has reduced the air pressure by half. Now, you feel like you're at an altitude of 5,000m. It's like you're almost reached the top of Mount Everest. The air is no longer as dense, and the main part of it has settled in the atmosphere.

In the beginning, everyone experiences massive dizziness, nervousness, and panic, as they are not able

to breathe. To solve this problem, you have to learn to breathe slowly and evenly.

Then, scientists create unique oxygen masks. You put it on, take a breath, and a special filter puts pressure on the oxygen molecules, making the air denser. After a couple of decades, people will take off these masks, as they'll ultimately get used to the new conditions. New generations will be born with adapted lungs.

It seems the sky has risen higher and acquired a darkish hue. Satellites flying around the Earth's orbit are now inside our atmosphere. But the Earth's gravity still attracts them. You see thousands of satellites burning up. Some of the space debris survives the atmospheric shield and falls to the ground.

A meteor shower begins. Space trash crashes into houses, roads, trees, and cars. You and the rest of the people decide to wait out the storm underground — in the subway or basements. Fortunately, the shower doesn't last long. People come out of their hiding and look at the sky in surprise.

The Moon changes its previous position and slowly flies away. Soon, it disappears completely.

This is because our planet is now like a heavy ball in the center of a huge blanket. That blanket is gravity. It bends under the ball's weight. If you put any light

object on the blanket, it will roll down to Earth.

But, if an object is moving at high speed, it will be able to spin on the blanket's edge and not fall into the center. Therefore, the Moon doesn't fall on us. It just goes into space.



Humans will become elegant and agile creatures. Our bones and muscles will stretch. The structure of the entire human body will change. We will become

thinner and smoother. Blood in the veins and vessels will flow more slowly, and it will greatly impair the brain's work, but only in the beginning.

In the future, the body will expand. The brain will increase, as will the number of neural connections inside. The lungs will become more sensitive and spacious. People will be smarter and wiser. And that's what happens when gravity decreases to half.....

### MYSTERY SOLVED



**JEYASHREE**

**X 'A'**

## FIVE BLUE ZONES

- Dan Buettner, Blue Zones founder, is a National Geographic Fellow and multiple New York Times bestselling author. He has discovered five places in the world-dubbed blue zones-where people live the longest, and are healthiest.
- There are five blue zones in our world where people live long and peaceful.
- The places which are considered as blue zones are Okinawa, Japan; Sardinia, Italy; Nicoya, Costa Rica; Ikaria; Greece and Loma Linda, California.
- Here aged people are rarely affected by the disease dementia or Alzheimers.
- The people living in blue zones, have a long life span due to their diet system.
- For most of the people their diet is based upon plants, and they eat beans and they do more exercise.



**ARSHINI  
X 'A'**

## AMAZING FACTS ABOUT POPULATION

1. One of the world's most densely populated countries is in Europe-Monaco.
2. 281 million people live outside their country of birth.
3. India and China are the world's most populous countries.
4. In 2022, India's population has been estimated at 1.42 billion persons, making it the second most populous country behind China.
5. Tokyo is the largest populated city in the world followed by Delhi.



**RUHITHA  
X 'A'**

## 7 HABITS

The 7 Habits of Highly Effective People is one of the key frameworks of the Leader in Me process. The 7 Habits help students learn and apply communication, collaboration, critical thinking, creativity, and social-emotional skills. Additionally, the 7 Habits give students, families, and staff members a common language and are essential in building a strong leadership culture at our school.

**Habit 1:** Be Proactive (You're in Charge)

**Habit 2:** Begin With the End in Mind (Have a Plan)

**Habit 3:** Put First Things First (Work First, Then Play)

**Habit 4:** Think Win-Win (Everyone Can Win)

**Habit 5:** Seek First to Understand,  
Then to Be Understood (Listen Before You Talk)

**Habit 6:** Synergize (Together Is Better)

**Habit 7:** Sharpen the Saw (Balance Feels Best).



**SURIYA.A  
X 'A'**

## FACTS ABOUT JAPAN

1. The geisha is an iconic Japanese figure and a mysterious one mistaken by some as courtesans. The word 'geisha' translates to 'person of the arts' in Japanese and that's what they do — perform art styles such as singing, dancing, and playing instruments.

2. Kabuki is a traditional form of Japanese performing art combining dance and drama. Aside from its highly-stylized performances, kabuki is known for its glamorous costumes and the elaborate make-up worn by its all-male cast.

3. Like me, if you love reading Japanese literature, then you probably know that the very first novel to come out of Japan and

Written in the early 11th century by a lady-in-waiting in imperial Heian, *The Tale of Genji* follows the romantic adventures of a son of an emperor and the lives of nobility at the time. This novel by Murasaki Shikibu (pen name only) remains an important work in Japanese literature.

4. Speaking of *The Tale of Genji*, it was the novel that first used the term *hanami* to refer to “cherry blossom viewing”. *Hanami*, the Japanese term for flower viewing, is the custom of enjoying the transient beauty of flowers, particularly sakura or cherry blossoms. People gather in parks from late March to early May and hold picnics under the full bloom. This Japanese custom is said to have started during the Nara period (710-794). At the time, people admired ume or plum

blossoms. Today, sakura is more popular among the younger generation but older people prefer *umemi* (plum blossom viewing) over sakura parties because there are fewer crowds.

6. Only 40% of the Japanese population subscribes to organized religion. However, as many as 69% of the people in Japan participate in Shinto ceremonies, and 66.7% practice Buddhism.



**SUKILASRI  
X 'A'**

உன் வாழ்வை முடிவு செய்ய  
உன்னை கண்டிக்கும் உரிமை எனக்கு உண்டு  
உன்னை கேள்வி கேட்கும் உரிமை  
எனக்கு உண்டு  
உன்னை உன் தாய் போல பார்த்துக் கொள்ளும்  
திறமை எனக்கு உண்டு  
உன் வாழ்வை உனக்கு புரிய வைக்கும் திறமை  
எனக்கு உண்டு  
இன்னும் என்னை யார் என்றால்  
தெரியவில்லை  
நான்தான் உன் "ஆசிரியர்"

யாரும் தேவை இல்லை  
யாரையும் முடிவு செய்ய விடாதே  
யாரையும் எதிர்பார்க்காதே  
நீ எதிர்பார்த்தவர்கள் உன்னை  
கைவிடும் நாள் வரும் பொழுது  
மனம் உடைவதற்கு  
நீ எதிர்பார்க்காமலே  
இருப்பது மேல்.



**KOWSHIGADHARSHINI.S**

**X 'B'**

## **MASTER UNTAMED**

There was a chick who saw the sunrise,  
but his mother kept troubling him more than  
twice.  
You should be cutting the wind, learn from the  
seas and be wise.  
Still angry, she told him derisively .  
"I can't believe you're watching carelessly".  
She told him "you are of no use, if you sit here  
and listen to me fuse".  
She told him again and again  
"Don't wait, now is the time to begin"  
After years passed, little chick all grown up and  
came

## **AI AND THE FUTURE**

The future of our world is in the hands of AI, which  
is an ever-quick-rising sector. Artificial  
intelligence is used in many and almost every  
industry. It's used in Chat GPT, AI art generators,  
Deepstory [AI-generated stories] and even more!

Many industries are willing to invest in AI and  
then integrate it into their business. Why? This is  
because of how customer-friendly AI is. Chatbots  
can optimise a user's experience by answering  
questions that users can have when buying  
products or services.

Another factor that explains why companies  
would want to seriously invest in AI is because of  
the ability of AI to process large amounts of data  
and it can learn to optimise itself based on the job it  
is assigned.

She told him "for what I have done, I am to blame".  
Then he said "it is because of you is what I became.  
From falling down again and again I rose to skies,  
and I am now the master untamed,  
Always when I remember my mother's name".

**NAVINA**

**X 'B'**



AI will soon replace laborious tasks since  
most laborious tasks are repetitive and can be  
easily scripted into a robot. Due to this people  
who earn money through laborious jobs will  
be affected due to not having the skills  
required to get other jobs.

Hence the future of AI in our world is a  
breakthrough that can help optimise us in our  
daily lives and get profits while at the same  
time can cause some people to lose their jobs.

**JYOSHINI BHEEMARASETTI**

**X 'B'**



## AMAZING FACTS

1. Fish has pain receptors and the capacity to suffer
2. Each fish is an individual with its own personality
3. Fish enjoy close friendship just like we do
4. Fishes are excellent learners
5. Fish can learn how to use tools, build nests and, in some cases, outperform primates with their learning abilities
6. Salmon remember the smell of their birthplace
7. The memory span of goldfish has long been underestimated but it's finally been revealed that their long-term memory can last for many months at least.

**SIDDHARTH NATARAJAN.S**

**X 'B'**



## RESEARCHING COLLISIONS

The Simplest form of all matter are particles which cannot be divided further, which are Atoms. Are there particles smaller than the atom? Yes, there are particles which are smaller than an atom, these particles are called Sub-Atomic particles. The first sub-atomic particle, The Electron, was discovered by J.J. Thompson in 1897 while he was working on a cathode ray discharge tube.

In simple words, we all know that positive particles get attracted to negative particles. Cathode rays contain negative particles which get attracted to the positive anode of the discharge tube. Another sub-atomic particle, The

Neutron was discovered by James Chadwick and The Proton by Ernest Rutherford.

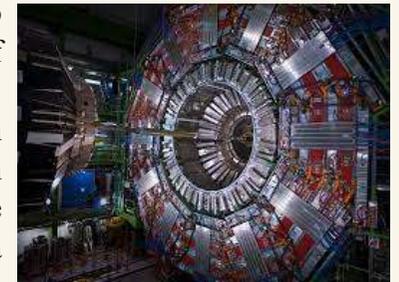
The first universally accepted atomic Model was designed by Niels Bohr. These men of science were one of the primitive Quantum Physicists but what is quantum physics? Quantum physics is the study of sub-atomic and atomic particles in nature. Quantum Physics is extremely in contrast to classical physics. Which is why it is a widely discussed and unknown sector.

One of the main sectors of Quantum Physics is Particle-Acceleration. It is the branch of Quantum Mechanics that is associated with the study of collisions between sub-atomic particles. The Device used for this purpose is called a Particle-Accelerator. Particle-Accelerator is used in the creation of super-conductors. In India there are about 4 prominent particle accelerators in Delhi, Indore, Kolkata and Mumbai.

India first started its journey of particle acceleration in the 1950's with the first cyclotron in Saha Institute, Kolkata. The world's largest particle accelerator is built in the Franco-Swiss Border in CERN loaded with 4 super computers!

Quantum Entanglement is an interesting phenomena of Quantum mechanics where multiple particles separated by billions of light years can be entangled as a singular particle and act like a single entity.

A theory has been proposed stating that the brain itself follows Quantum Entanglement and that might be the reason for the brain's complexity and maybe even consciousness. Understanding Entanglement might lead to developed forms of communication. Meaning we can communicate in between a distance of light years in a matter of seconds.



**KARTHIK SARVESH**

**X 'C'**



## DO TWINS SHARE THE SAME PERSONALITIES

Each Twin has his or her own personalities, talents, likes and dislikes. The hardest part of being a twin is for competition, jealousy and sharing. Twins have different personalities in the same environment partially based on how they interact with their environment. Like that some twins are talkative and extroverts and some are calm and introverts.

Due to epigenetic marks some twins may look different. Just like that some twins like spicy food, some may like sweet food. Some twins have completely different skin tone. And some may have different or similar blood group. Twins have a unique bond with each other and twins consider themselves as lucky.

*When twins are separated, their spirits steal away to find the other*



**SARA FATHIMA Z**  
**X 'C'**

## THINK BEFORE YOU SPEAK

One thing I have learned from my past experiences is that we should always think before we speak. I'm sure that we have come across this multiple times but we sometimes tend to forget about this small thing that could make a big difference in how it is conveyed to a person. So let me give you a little reminder.

'Think before you speak' 'What does this phrase mean? It means that we should think and select our words carefully. Before we respond to someone, or say something, We have to think about the consequences of what we are saying. We also have to consider the listener's emotional state and put ourselves in their place and view the situation from their perspective.

Even if what we are saying is correct, there are different ways of saying something which could convey what we are trying to say properly and in a way that they also do not get hurt, so that it would be a win-win situation. We must consider whether what we are saying is true, helpful, inspiring, necessary, and kind.

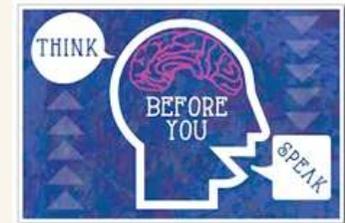
We especially forget this when we are in a bad mood, like when we are angry or upset, in which we might end up saying something that would hurt the other person, and when we start to realize what we have said, we will regret our choice of words.

To prevent this, in those situations, if we cannot calm ourselves down, it's better to step away for a

few minutes, until our mind is clear before replying so we can clear our mind and give a proper reply and handle the situation calmly. We also have to consider our tone when we are speaking. In this situation, if we feel like yelling, we have to think about if it would solve the problem.

If the answer is no, it would only make the issue worse and your point would not be conveyed properly. Hence, different tones are necessary for different situations, for instance when we are talking about something serious we cannot say it humorously.

The next time you talk with someone think of this quote by Robin Sharma, "Words can inspire. And words can destroy. Choose your's well". And I hope everyone will choose their words carefully from now on.



**ANGELINA FIONA.M**  
**X 'C'**

## VALUE OF GAMES IN EDUCATION

Games are a part and parcel of a student's life. It is an inseparable part of Education System. The main objective of education is to develop the students physically, mentally and morally. It is well said that sound body contains a sound mind. If a body is weak, the mind cannot be very strong. There is a very good old saying "Health is wealth." Games make up this loss of health very quickly. Playing games on the field makes the organs stronger and provide fresh oxygen to the body. The mind becomes sharper. Games develop a very good quality besides others and that is sportsmanship.

A sports person is a very strong person. He learns to face defeats and successes equally. They don't lose courage even in the face of continuous defeats. Students who play games become social. They have more friends than the students who don't play games. Students don't remain reserved in life. They are open and learn the art of adjustment. Games also teach to have patience and presence of mind. They learn team-spirit and co-operation. Such things are very important when the students enter the work-force.

Education cannot ignore the importance of games for physical fitness. Games and physical education should be introduced in the school from the primary classes. Even simple breathing and correct postural exercises of yoga, if properly taught in our schools can have a powerful effect on the general health and well-

being of young people. To maintain the reasonably good health of pupils, there is really no need for expensive gymnasias and sports equipment.

Our country, with its limited resources, cannot provide such facilities as are made available to western children right from a tender age. Physical fitness and freedom from all kinds of ailments is the desire of every human being. Sports are invaluable for the proper development of mind and body.

However, it is often seen that schools lay more stress on teaching the three Rs to the students. They have no facilities for sports. Even basic requirements like a play ground and physical education instructor are not available in most of the schools, especially in the rural areas.

We often complain that our country, in spite of its large population, is not able to produce any world class sportsman and sportswoman. Little do we realize how pathetic the sports facilities are in our educational institutions. This is largely the reason behind the poor performance, of our athletes in the world class competitions like Olympics and Asian Games.

**SRI KUMARAN**

X 'C'



## LIONEL MESSI

Lionel Andres Messi is the unarguably the greatest football player of all time. He is my favourite player and also my idol. He is a type of football player who makes you fall in love with football because of his elegance. More than just idolising him, many football fans consider him as a god.

He is the player who completed football by winning literally everything there is to win. He has won the Ballon d'or, a record breaking seven times, The Golden Boot, a record breaking six times, FIFA World Cup Golden Ball, a record breaking two times, The La Liga (10 times), The Copa Del Rey (6 times), The Laureus Award (2 times), The Champions League (4 times), The Copa America, The Finallisma and the World Cup (each once) and many more.

He also holds the record for scoring the most goals in a single calendar year (91 goals), Most assists in football history (357 assists) and second most goals in football history (807 goals) behind Cristiano Ronaldo and the most goal contribution in football history (1164 G/A).



**V.SACHIT KRISHNA**

X 'C'

## HEAD ON GENERATION (HOG)

### A step towards energy efficiency

#### WHAT IS HEAD ON GENERATION(HOG)?

In HOG scheme, power is fed from the electric locomotive to the train to cater for the Hotel Load of the train. In electric locomotives, power is taken from the OHE through pantograph to traction transformer of the locomotive which is provided with a hotel load winding of 945 kVA, at nominal voltage of 750 V single-phase, which varies with the OHE voltage variations. This 750 Volts single-phase supply is fed to Hotel Load Converter, which gives 750 Volts 3- phase 50 Hz supply as output, for feeding the hotel load of the train

#### ANALYSIS OF ENERGY EFFICIENCY BY HOG

The trials have established the efficacy of working of HOG scheme on IR. Head on Generation is a superior means of meeting electrical power requirement in coaches and is utilized in developed countries. It overcomes the limitations of the SG and EOG systems. It is very economically advantageous in operation.

#### CONCLUSION

The main benefits that will accrue with the development of hotel load converter i.e. HOG system is described below:

#### INCREASE IN REVENUE AND REDUCTION IN OPERATIONAL CAUSE

The average cost of one loco sets hotel load converter is Rs. 120 Lacs only. In view of this, revenue of IR will be increased by operating more and more LHB based fully AC trains like Shatabdi, Rajdhani and Durgam Express.

#### POLLUTION FREE

In EOG system, there are two types of pollution - (i) Air pollution due to burn of High Speed Diesel, and (ii) Noise pollution by DA sets whereas HOG system is totally free from both types of pollution i.e. air and noise pollution

#### BETTER RELIABILITY

Due to reduced number of generating equipment, low maintenance requirement, reduced dead weight as compared to SG and EOG system. Also Carbon credits can be earned by not emitting the carbon dioxide through burning of high speed diesel into the environment. IR can also sell this carbon credits.



SAI KARTHICK N

X 'C'



## YOGA AND MIND HEALING

We are currently living in the 21st century, an era where technology is advancing at an unprecedented rate while our daily lives have been transformed and influenced by the new advanced technology. In this digital era, a time of rapid technological change led by digital technologies is not only changing our lives but also reshaping our economies and societies.

Originating in ancient India thousands of years ago, yoga has been passed down to generations through oral traditions, stone carvings and ancient texts. Though it is an age old practice of exercise, it still remains popular and rules over many other types of workouts and physical exercises. Yoga is an ancient practice of workout focusing mainly on breathing, flexibility and strength to boost mental health and physical well being.

Many find that yoga can help relieve stress as well and improve mental clarity. Through focused breathing and concentration, body awareness improves helping many people become more aware of their physical and mental needs

SRI KESAVAN

X 'C'



## EMBRACING MINDFULNESS

In this fast world, it's easy to get caught up in a lot of responsibilities and distractions and finding peace is a dream. However, by embracing mindfulness, we can discover a powerful tool to cultivate presence, reduce stress, and enhance our overall well-being. Mindfulness is a skill that develops with regular practice.

### Benefits of Mindfulness:

There are so many benefits of being mindful but some are:

1. Reduces stress and anxiety
2. It improves focus and concentration
3. It also enhances self-awareness
4. Better with emotions
5. Increases overall well-being

So, we get to see that by embracing Mindfulness we get to reform our lives' constant hustle. We can navigate life with greater clarity, peace, and joy. I conclude that by Embracing mindfulness we can also unlock the potential for a more meaningful and fulfilling existence.



**KAVIYANJALI.S**  
X 'C'

## “OUR LIQUID IDOL“

Water is a shapeshifter in chemistry, a resource for economists and a god to all living creatures. This very fine drop of liquid has passed through various organisms and stands in front of us today to be yet again passed through you. The patience of such fine thing after crossing times since beginning to come to you is one of the greatest gifts handed to us in our day to day life which we take for granted.

We must learn to embrace every molecule of water as diamonds, every drop as pearls, every glass of water as crores and every bottle as the reason for your life, because it is. Learn to cherish every single day celebrating water and who knows what your life might just turn out or shape shift to be.



**NAVIYA. S**  
X 'D'

## MAGIC SQUARES

A magic square is a square array of numbers consisting of the distinct positive integers arranged such that the sum of the numbers in any horizontal, vertical, or main diagonal line is always the same number.

Some famous magic numbers are:

Luo Shu magic square:

4	9	2
3	5	7
8	1	6



**DHARUN KARTTHICK**

Magic square in Parshwanath temple:



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

X 'B'

Sagrada Família magic square:



## **DO WHAT YOU LOVE, LOVE WHAT YOU DO**

For some reason, this has always been my favourite saying. The simplicity of the statement, but at the same time, the complexity of it, never fails to amaze me. It has definitely changed my outlook on different aspects of life. Without doing what you love, there isn't much chance you'll feel complete in your life.

Following your passion is the only means by which you can unlock your potential for limitless creativity, purpose, and joy. If you don't love what you do, then you obviously will not look forward to spending hours working on it, which is all the more reason as to why you should follow this mantra.

Doing what you love comes more naturally to us than loving what you do. latter. But how can we love all the things that we do? Frankly, the key is to pretend. Yes, you read that right. Pretend. Pretend it's the best thing ever. Pretend it interests you more than anything in this whole entire world.

What I mean by this is that you have to develop a positive attitude towards that particular action. This can help build strong associations with it. It can also help you modify your mind set towards it. As cliché as

that sounds, it has definitely worked for me, especially when it comes to academic settings.

Let me state an example to be clear. For instance, imagine you want to study your least favourite subject, but you just can't get yourself to do it. This is where our pretence comes in. Pretend to love the subject and you can eventually get rid of your negative feelings towards it and then, no you'll gradually start liking it for real. This can be applied in various aspects of life.

In conclusion, the key to happiness is doing what you love and loving what you do. But before that, you must realise life is coming from you, not at you. Live. Laugh. Love.

**S.SWETHA PADMASINI**

**X 'D'**



## **FACING ADVERSITIES**

In life's long journey, we will face

Adversities that seek to erase

The winds howl while the storm rages

But deep within resides a flame

Buried within our souls we know

That each adversity bestows us growth

It makes us stronger and shapes our core

Transforming weakness to strength untold

Through the hardest of challenges, we prevail

As warriors we stand tall and vow not to fail

With hearts filled with hope and our minds unafraid

We conquer adversities like a crusade

As we face the final trial

Our spirits soar and soul takes rest

Like a phoenix rising from its flames

We emerge from adversities, never the same



**ANSHUL NITIN**

**X 'D'**

## THE DAWN

The dawn is when the scarlet hot ball of plasma will rise,  
It is when our day begins, and even after two dozen hours,  
the time doesn't suffice

The dawn is when the birds start to chirp,  
Those gorgeous sounds are definitely there for us to reap

The dawn is when the blanket of light prevails over darkness,  
Not a star remains as it creates a vision of starkness

The dawn is when the sight of bright red light appears in the sky,  
Those red and orange colours create a hue for our eyes to buy

The dawn is when the ultimate source of energy comes to recharge all,  
We absorb its energy in different forms before we fall

The dawn is when we all awake from our sleep state,  
It is also the beginning of the current date

The dawn is the part of day filled with nature's delightful glow,  
It is also the first sight of nature that it will show.

**ROHITH K**  
X 'D'



## EDUCATION FOR SUSTAINABLE DEVELOPMENT

Sustainability Education is often referred to as Education for Sustainable Development (ESD), which has been defined as: Education for Sustainable Development allows every human being to acquire the knowledge, skills, attitudes and values necessary to shape a sustainable future.

Education for Sustainable Development includes key sustainable development issues into teaching and learning; for example, climate change, disaster risk reduction, bio diversity, poverty reduction, and sustainable consumption.

It also requires participatory teaching and learning methods that motivate and empower learners to change their behaviour and take action for sustainable development. Education for Sustainable Development consequently promotes competencies like critical thinking, imagining future scenarios and making decisions in a collaborative way.

Education for Sustainable Development requires far-reaching changes in the way education is often practiced today.

### Pedagogical approaches in ESD

There is no 'correct' pedagogy for sustainability education, but there is a broad consensus that it requires a shift towards active, participative, and experiential learning methods that engage

the learner and make a real difference to their understanding, thinking and ability to act. We've identified five pedagogic elements that cover a host of pedagogical approaches or methods that staff at Plymouth might use to bring these elements into the learning environment.

**1. Critical reflection** – including the more traditional lecture, but also newer approaches such as reflexive accounts, learning journals, and discussion groups.

**2. Systemic thinking and analysis** – the use of real-world case studies and critical incidents, project-based learning, stimulus activities, and the use of the campus as a learning resource.

**3. Participatory learning** – with emphasis on group or peer learning, developing dialogue, experiential learning, action research/learning to act, and developing case studies with local community groups and business.

**4. Thinking creatively for future scenarios** – by using role play, real-world inquiry, futures visioning, problem-based learning, and providing space for emergence.

**5. Collaborative learning** – including contributions from guest speakers, work-based learning, interdisciplinary/ multi disciplinary working, and collaborative learning and co-inquiry.

**JESSICA P**  
X 'D'



## “ WHAT IS LIFE ? ”

What is life ? What is nature ? What is the relationship between humans and other living things ? What is consciousness ? What is emotion? Finally, what is spirituality ? Life is a unique and precious experience, filled with meaning, purpose, and the potential for personal growth and fulfillment. It involves the pursuit of knowledge, relationships, and the exploration of one’s passions and interests. Nature is the natural world, including all living and nonliving things. It is the source of all life on Earth, and it provides us with the air we breathe, the water we drink, and the food we eat.

Nature is also a source of beauty, inspiration, and wonder. The relationship between humans and other living things is complex and multifaceted. On the one hand, we are intimately connected to the natural world. We are part of the food chain, and we rely on other living things for our survival. On the other hand, we have also had a profound impact on the natural world. We have caused the extinction of many species, and we have polluted the environment.

Consciousness is the ability to be aware of oneself and surroundings. It is a complex phenomenon that is not fully understood. However, it is thought to involve a number of different brain functions, including attention, perception, and memory.

Emotion is a complex psychological state that is often accompanied by physiological changes, such as changes in heart rate, breathing, and facial expressions. Emotions are thought to be caused by a combination of factors, including biological, psychological, and social factors. The relationship between life, nature, consciousness, and emotion is complex and interwoven. Life is the foundation of nature, and nature provides the context for consciousness and emotion. Consciousness and emotion are essential for our understanding of life and our place in the natural world.

Spirituality is a broad term that refers to the human search for meaning and purpose in life. It is often associated with religion, but it can also be a personal and individual journey. Spirituality can be expressed in many different ways, such as through prayer, meditation, music, art, or nature. It can also be found in our relationships with others, our work, and our

everyday experiences.

Spirituality is often seen as a way to connect with something larger than ourselves. It can provide us with a sense of peace, hope, and belonging. It can also help us to cope with difficult times and to find meaning in life.

Consciousness, life, nature, emotion, and spirituality are all interconnected. Our consciousness allows us to experience the world around us, including the beauty and wonder of nature. Our emotions help us to connect with others and to find meaning in life. And our spirituality can provide us with a sense of peace and belonging.

So, what is life?

Life is a complex and fascinating mystery that we are only beginning to understand. It is a journey of growth, change, and learning. It is a gift to be cherished and appreciated. It is a struggle with challenges and obstacles to overcome. And it is a celebration of the good times and the lessons learned from the bad times. Life is what you make it. It is up to you to decide how you want to live your life. But whatever you do, make sure to live it to the fullest because life is a precious and unique gift. “THANK YOU”

**ARAVIND SREE U**

X 'D'



## CRICKET: A SPORT THAT UNITES COUNTRIES AND IGNITES PASSION

Cricket is a game that transcends borders, cultures, and languages, fascinating thousands and thousands of sports lovers around the arena.

Whether it is the exhilaration of a fast-paced Twenty20 suit or the beauty of a conventional check encounter, cricket has a completely unique charm that unites countries and ignites ardor among gamers and spectators alike. In this text, we will discover the long-lasting appeal of cricket and its importance as a sport for school students.

### **The Spirit of Sportsmanship:**

Cricket is not always just about winning or losing; it embodies the values of sportsmanship and fair play. The sport places awesome emphasis on appreciation, integrity, and adherence to policies. College students who participate in cricket examine critical existence training about teamwork, area, and resilience. They increase their admiration for their opponents, umpires, and the sport itself.

### **Physical and Mental development:**

Cricket offers numerous physical and mental advantages for college students. Playing the game requires a combination of talents, including batting, bowling, fielding, and strategizing. Those activities enhance hand-eye coordination, agility, and reflexes.

Moreover, the strategic nature of the sport enhances crucial thinking, decision-making, and hassle-solving capabilities.

### **Team building and Camaraderie:**

Cricket is predominantly a team game, emphasizing the importance of collaboration and camaraderie. College students who participate in cricket learn how to work collectively towards a not unusual aim, fostering a sense of harmony and team work. The sport instills qualities like leadership, communication, and mutual guidance, which are vital now not only in sports activities but additionally in numerous components of life.

### **Promoting health and a healthy lifestyle:**

In an era ruled by sedentary sports, cricket offers a way for school students to live a lively life and lead a wholesome way of life. The physical needs of the sport require players to engage in ordinary schooling, health exercises, and practice periods. By taking part in cricket, students develop a dependency on physical hobbies, enhancing their general health and reducing the risk of lifestyle-related sicknesses.

### **Cultural diversity and international publicity**

Cricket is a sport that spans across continents, showcasing the range of cultures and imparting a ``platform for worldwide publicity. By taking part in

cricket, school students have the opportunity to engage with people from exclusive backgrounds, promoting cultural diversity and fostering a sense of inclusivity. They learn how to appreciate and admire numerous views, fostering an international outlook that extends beyond the bounds of the sport.

In conclusion, Cricket is more than just a game; it is a platform for holistic development and personal growth for college students. The game not only instills vital values and existence abilities but also promotes fitness, camaraderie, and cultural knowledge. Through embracing cricket, students embark on an adventure that goes beyond the limits of the playing area, enriching their lives and nurturing their capacity as people. So, allow us to have a good time in the spirit of cricket and encourage college students to take part in this excellent recreation that unites nations and ignites ardor.



SHRIGURU G GHALAGI

X 'D'

## **SIBERIA - WELL TO HELL : FACT OR FICTION ? THE UNVEILLING DEPTHS OF DARKNESS**

In the realm of urban legends and chilling folklore, the enigmatic tale of the Well to Hell holds a sinister allure. This haunting narrative weaves a story of an innocuous well that conceals a direct passage to the depths of Hell itself. The Well to Hell has captured the imagination of many, blurring the lines between myth and reality.

According to the legend, in the 1980s, a group of Russian scientists embarked on a ground-breaking drilling project in Siberia. As they delved deeper into the Earth's crust, they encountered inexplicable phenomena. Unearthly sounds emanated from the depths, chilling the bones of those present. Determined to uncover the truth, the scientists lowered a microphone into the well, hoping to capture evidence of their discovery.

What they purportedly heard sent shockwaves through their souls. Ghastly screams and anguished cries echoed through the speakers, evoking visions of a tormented underworld. Some accounts even claim that demonic entities were glimpsed through the lens of the microphone, intensifying the terror of the witnesses.

However, scepticism surrounds the authenticity of the Well to Hell. Many argue that it is merely a cautionary tale, a chilling reminder of the consequences of venturing into forbidden realms. It serves as a testament to the power of human imagination and our fascination with the unknown.

Irrespective of its veracity, the Well to Hell continues to linger in the collective consciousness. It symbolizes

humanity's perpetual fascination with the afterlife and the potential horrors that may lie beyond. It stands as a stark reminder that there are depths better left unexplored.

Today, the Well to Hell persists as a chilling legend, permeating the minds of those brave enough to delve into its story. It serves as a reminder of the delicate balance between the realms of the living and the dead, and the enduring power of our collective imagination to conjure stories that both terrify and captivate. Whether fact or fiction, the legend of the Well to Hell stands as an eerie testament to our eternal quest for answers about the mysteries that lie beyond our mortal existence.



**SHIBI RAKSHITHA A**  
X 'C'

## **WORLD POPULATION DAY**

World Population was established in 1989 by the United Nations with the inspiration for the holiday coming from the peaking public interest in the celebration of 5 billion day. The holiday highlights the problems that come with a growing global population. Areas of particular focus are climate change, violence & discrimination. Our swelling population has a huge impact on these areas. The UN is keen for us to work towards a world that offers inclusive & sustainable opportunities for all its inhabitants.

By 2050, the world's population is expected to be 9.7 billion. This growth has been made possible & accelerated by advances in life expectancy & increasing numbers of people surviving to reproductive age. That growth carries implications for economic development, Employment, income distribution & poverty. The challenge is to sustainably address the needs of all the people on the planet & World Population days. The aim is to bring this challenge into focus so we can enjoy the fruits of our planet without damaging its future.



**MONISH**  
X 'B'

## प्रदूषणम्

साम्प्रतिके काले निखिलेऽस्मिन् जगति मानवसभ्यतायाः समक्षमनेके समस्यात्मका दुष्प्रभावाः समुज्जृम्भते। पर्यावरणस्य प्रदूषणमपि तथैव मुख्या समस्या मानवसभ्यतायै परिदृश्यते। अधुना औद्योगिकप्रसारेण न केवलं जलं, वायुः, फलमन्नादिकं च प्रदूषितमपितु समग्रमपि भूमण्डलं दूषितं भवति। प्रतिदिनं परमाणुयंत्राणां रेडियोधर्मिता सर्वत्र प्रसरति, विषाक्तगैसीयतत्वानां प्रसारेण, बृहदाकारौद्योगिक यंत्राणामपशेषितैः पदार्थैः, विविधानां यानादीनां धूमपुञ्जैश्च तथैवान्यैः संयंत्रादिभिः सर्वत्रवातावरणं भूलोकस्य वायुमण्डलं प्रदूषितं भवतीति वृत्तं दृग्गोचरी भवति। अस्मिन् वैज्ञानिके युगेऽपि यदि पर्यावरणप्रदूषणस्य निरोधोपायः समुचितो न स्यात्तदा कस्मिन् युगे भविष्यति। पर्यावरणप्रदूषणस्य प्रभावाद् जगति रोगदीनां वृद्धिः सञ्जाता, अन्नपानादिषु रेडियोधर्मिपदार्थानां सम्मिश्रणात् सर्वत्र वायुमण्डलम तु दूषितं भवत्येव, तस्माद् आनुवंशिकप्रभावोऽपि भवति। अनेन भविष्यत्काले मानवसभ्यताया विनाशोऽवश्यम्भावीति निश्चप्रचम्। विश्व स्वास्थ्य संघटनेन पर्यावरणसन्तुलनार्थमनेके उपायाः प्रतिपादिताः। अस्माकं देशेऽपि पर्यावरणप्रदूषणस्य निवारणार्थं सर्वकारद्वारा व्यवस्था क्रियते, तदनुसारं, गंगानद्याः स्वच्छताभियानं, अशुद्धजलमलादीनां, विशुद्धयर्थं संयन्त्राणि स्थाप्यन्ते जनजागरणमपि प्रचलति प्रदूषणनिवारणस्योपायाः, विधयश्चापि निर्दिश्यन्ते। एवञ्च विविधोपायैरेव पर्यावरणस्य संरक्षणं भवितुमर्हति।

यथा ह्येकेन चक्रेण न रथस्य गतिर्भवेत् ।  
एवं पुरुषकारेण विना दैवं न सिध्यति ॥

### English Meaning:

Just like how a Chariot cannot Move with one Wheel, we cannot attain our Destiny without Hard work or Effort.

सत्यमेवेश्वरो लोके सत्यं पद्माश्रिता सदा।  
सत्यमूलानि सर्वाणि सत्यान्नास्ति परं पदम् ॥

### English Meaning:

Truth is God. The goddess of wealth always takes refuge in truth. Truth is the root of everything. It is supreme and there is nothing above it.

दीर्घा वै जाग्रतो रात्रिः दीर्घ श्रान्तस्य योजनम् ।  
दीर्घो बालानां संसारः सद्धर्म अविजानताम् ॥

### English Meaning :

Night appears very long to the one who is awake all through the night and the short distance of a yojana appears very long to the one who is tired. Similarly, life appears long to small minded people who do not know what true dharma is.

धर्म एव हतो हन्ति धर्मो रक्षति रक्षितः

### English Translation:

Dharma only destroys those who destroy it.

Dharma also protects those that protect it. Hence, dharma should not be destroyed. Know that if violated, dharma destroys us.

धर्मो रक्षति रक्षितः

The Dharma protects those who protect it.

KEERTHANA.M

X 'D'



## LIFE

Time is too slow  
For those who wait,  
Too swift for those  
Who fear, too long  
For those who grieve,  
Too short for those  
Who rejoice, but  
For those who love,  
Time is eternity

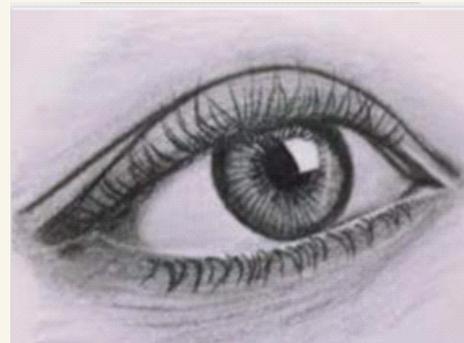
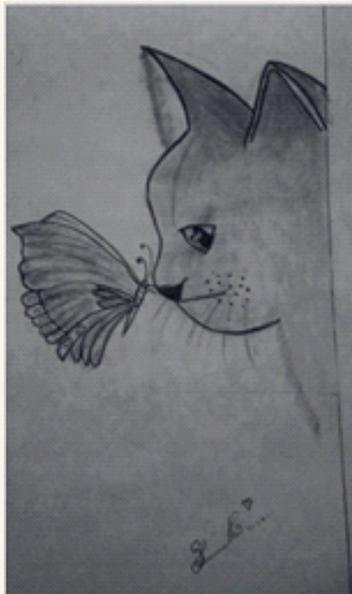
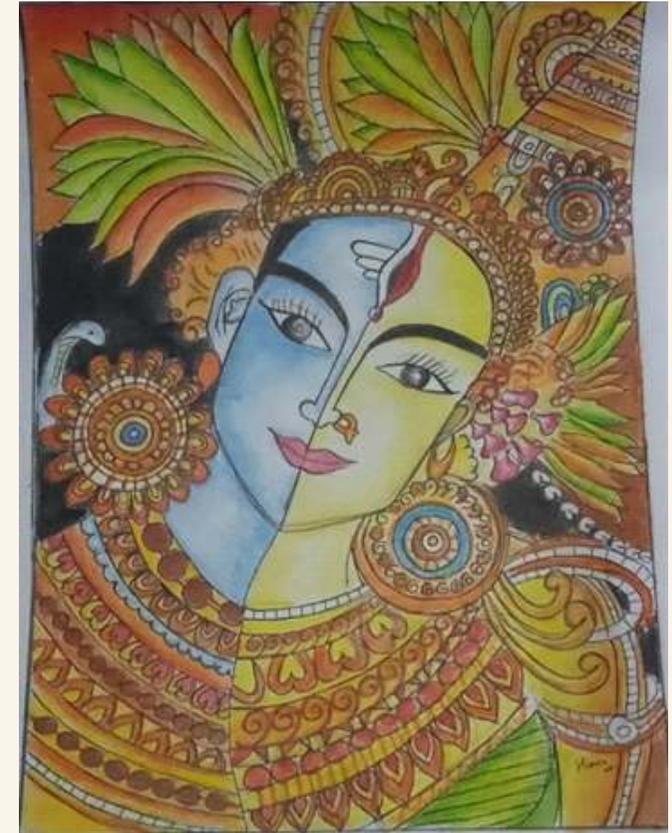
- Henry Van Dyke



MERFY SAVARINA.R

X 'B'

# Artistic Expressions...



SHREENITHI

X 'A'



HAMSAVARTHINI

X 'A'



# Artistic Expressions...



**NITHYASHREE**

**X 'A'**



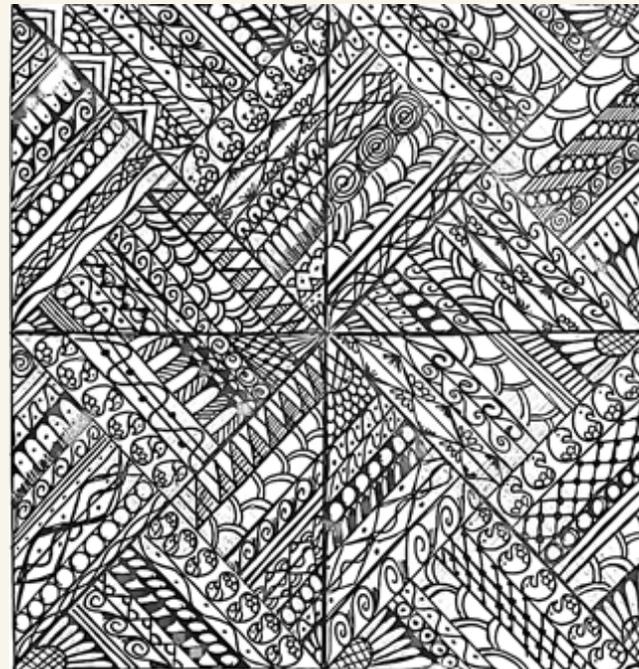
**THANUSRI  
NIOS 'X'**



**HARSHA VARDHAN V.S**

**X 'A'**

# Artistic Expressions...



ADITHIYARAJ

X 'A'

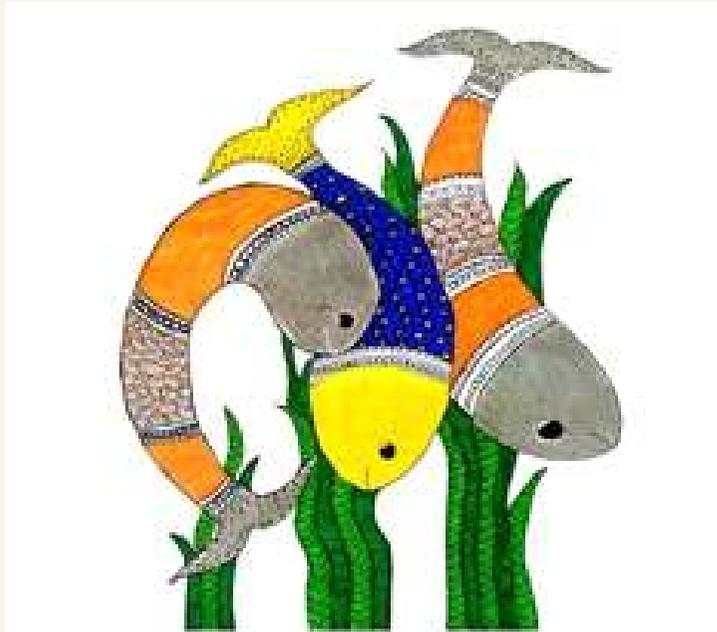


NARUMUGAI SMITHI.B

X 'B'



# Artistic Expressions...



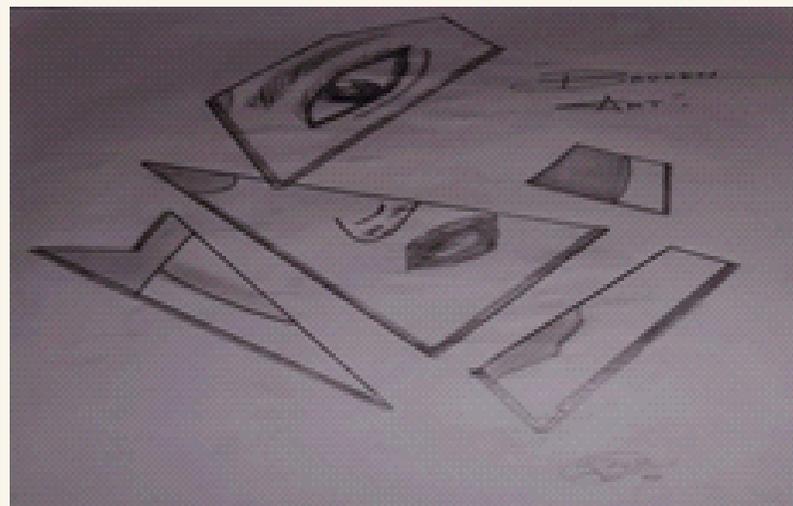
**KRITHYA.S**

**X 'B'**



**KANDEPI SAI NEHA**

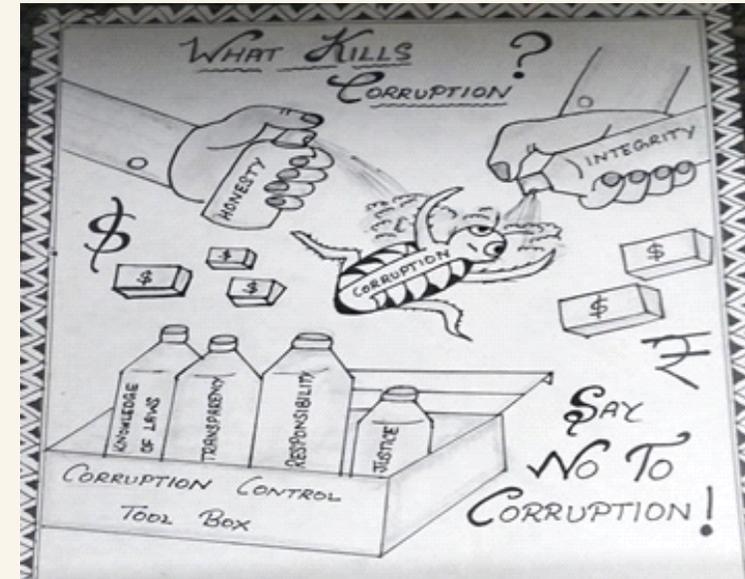
**X 'B'**



**POORVIKA**

**X 'B'**

# Artistic Expressions...



RISHI KARTHIK.K

X 'B'



SRI SENTHIL KUMARAN.V.S.

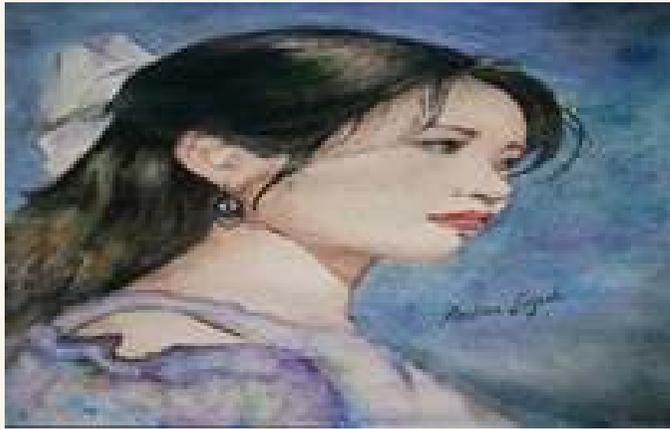
X 'B'



DHEETCHITHA.P

X 'B'

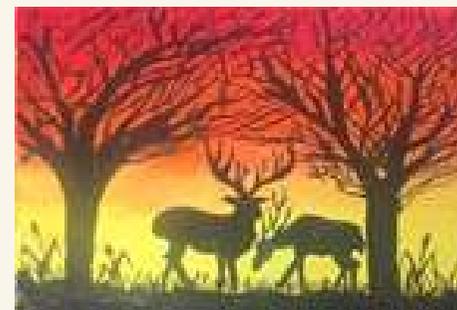
# Artistic Expressions...



**PRACITHA.P**  
**X 'B'**



**ARDRA SIJESH**  
**X 'B'**



**NANDANA NITHESH**  
**X 'B'**

# Artistic Expressions...



**SARVESH N.S**

**X 'B'**

**ROSHINI.S**

**X 'B'**



**DHANYASHREE.R**

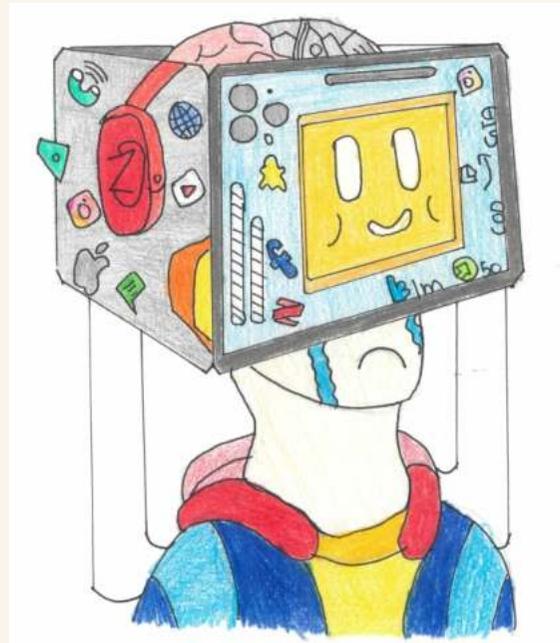
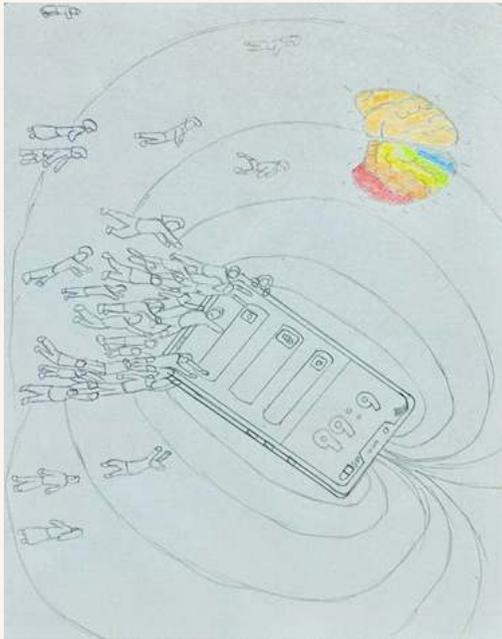
**X 'B'**



**MITHUL RAGHAV M.U**

**X 'B'**

# Artistic Expressions...



AISHWARYA.M  
X 'C'



RINITTA JECINTH.A  
X 'C'

SAKTHI SAI.M  
X 'C'



# Artistic Expressions...



SARJANA.T  
X 'C'



CHAITANYA SREE  
X 'D'



# Events & Celebrations...



World Environment Day is a reminder to all of us that our action towards a sustainable environment matters a lot. This year's theme 'Ecosystem Restoration' focuses on creating awareness of the harmful impacts of plastic and doing away with its use. On this occasion the students of SRMPS pledge to be warriors of the environment and do their bit to save the earth, men's welfare and social welfare.



The International Olympic Day is celebrated to commemorate the founding of the International Olympic Committee (IOC) and promote the values of the Olympic Movement. On this occasion the sports department created a presentation to enlighten the students about various facts about Olympics.

# Events & Celebrations...



In keeping with the World Ocean Day 2023 theme, “The Planet Ocean's Changing Tide.”, the students of Grade 11 undertook a beach cleaning drive at the Pallavakkam Beach on Sunday, June 11, 2023. This event was a part of the community service programme of the school, in order to address the challenges that our oceans are facing and create an awareness to act collectively for a cleaner and sustainable environment. The students were accompanied by the Advisor of the school Dr K R Maalathi as well as members of the staff.



The 9th Yoga Day Celebrations took off with the entire school taking the Yoga Pledge in the assembly followed by the performance of yogasanas and pranayama. The highlight of the celebration was a guest lecture by Dr C V Jayanthi C- IAYT Member, Manushi Yogic Research Foundation, Counsellor, International Veg. Union. The guest lecture began with a rhythmic yoga display by the students of SRM Public School and a mass display of Yogasanas and Pranayam by all the students of Grade 9. The Guest Speaker took the students through an interesting talk about the meaning and importance of yoga, its role in keep us disease free and its role in helping a student to improve concentration and memory.

# Events & Celebrations...



Yoga helps in developing strength, balance and flexibility. It also helps to improve children's attention span and focus. Happy tots of SRMPS celebrated International Yoga Day on 21.06.23. They performed various yoga poses like a tree, flying bird, the falling rain and planting seeds.

As an extension of the International Yoga Day celebrations, SRMPS organised a session 'Yoga for Mums' which was met with an overwhelming response. The Female parents participated in the session which covered a number of yogasanas and pranayama exercises aimed at the general well being with particular emphasis on women's health.

# Events & Celebrations...



International Music Day was celebrated by UKG Happy tots on 21.6.23. Musical instruments like Maracas and drums were prepared by the teachers using recycled materials like old bottles, pebbles, straws, buttons e.t.c. Children enjoyed playing these instruments and danced with the music.

# Events & Celebrations...



My daddy strongest...that's what every little one believes. Daddy is every child's hero. On the occasion of Father's Day, celebrated the world over recently, the Happy Tots of SRMPS prepared a greeting card and had a joyful day.



Egg drawing activity: Activities make learning effective. Our tiny tots of UKG children drew the given number of eggs in the bird's nest and made it beautiful. Counting helps children to understand the meaning of numbers.

# Events & Celebrations...



The Investiture Ceremony of the SRM Public School was held on July 01, 2023. 22 members of the Core Council, 14 Club Heads and 70 Class Captains were decorated with the badges and scrolls of their roles and responsibilities. The students were inducted into the School Students' Council by the Chief Guest Dr Vinita Raj, an academican, entrepreneur, trainer, advocate and an orator, in the presence of the Correspondent Sri M Subramanian and the Advisor of the school, Dr K R Maalathi. After administering the oath of office, the chief guest addressed the gathering, with an inspiring message for the newly elected council members, as the proud parents witnessed the event.



An MOU was signed between SRM Public School and Space Kidz India to launch pay load into the lower Earth orbit, by the students. The MOU was signed by the Correspondent of the school Mr M Subramanian on behalf of SRM Public School and Ms Srimathi Kesavan, the Founder and CEO of Space Kidz. Dr K R Maalathi, the advisor of the school was also present at the occasion. A team of handpicked students across various grades will soon begin work on the satellite to be launched from the Sriharikota space station around November 2023.

# Events & Celebrations...



The children of Kg celebrated Doctor's day on Monday (03/07/2023) . Children imitated various actions, such as checking the heartbeat, giving injections, treating patients with patience etc..Laughter and joy filled the room as our tiny doctors-in-training show off their skills!Through songs, art and crafts, our talented little artists have created stunning origami craft of Doctor's coat.On the whole, today's celebration sparks a lifelong curiosity about the world of medicine and inspires our little ones to follow their dreams of becoming doctors themselves. "Thank you, doctors" for being our real life super heroes!!!



Bubbles are the perfect canvas for hands on learning fun. It stimulates the oral motor skills, coordinate limb movements and also breathing while generating bubbles to blow.It also facilitates gross motor development. Happy tots of LKG and UKG enjoyed "Bubbles Day" by blowing&watching different patterns being formed. It was learning with fun.

# Events & Celebrations...



Our UKG happy tots explored and learnt the difference between right and left. Children dipped right hand in red paint and left hand in blue paint. Then they made impression on a white paper. Children got a chance to feel, play and identify different colours. This is a great activity to understand the directional words, to develop fine motor skills and eye-hand coordination.



The gift of blood knows no boundaries- it unites humanity in a powerful way. A blood donation camp was organised in the SRM Public School by a team of doctors, nurses and medical staff from SRM Medical College, Kattankulathur. The camp was well attended by parents as well as the staff of the school, who accomplished a precious duty towards society by donating their blood.

# Events & Celebrations...



The Annual Sports Day was celebrated for the Primary Section on 20.07.23. Ms Nila, a badminton champion of international repute was the chief guest. Medals were awarded to the students for achievement in nearly a 100 track and field events, of which a few were conducted on the sports day. The sports meet was well attended by both, parents and students.



The Annual Sports Day of SRM Public School, for Senior school was held on 21.07.23. Mr Dilip Roggers Z, first Indian Super Bike Race Champion, was the chief guest. The event began with a colourful March past, led by the school band and culminated in all the four houses taking the oath of sportsmanship. The ceremonial torch was lit by the chief guest and students who had recorded major academic and cocurricular achievements participated in the torch run. A total of 1200 students were awarded medals and 10 students won the championship trophies, for 170 track and field events conducted over the last two weeks. At every level house points were added until it culminated in declaring Emerald house as the overall champion while Sapphire house lifted the shield for the best in March Past.



# Awards & Achievements...



SRMPS's own Wright brother...Kamalesh from Grade 7E earned immense admiration from the school management, his teachers and class mates, by building the prototype of his own remote controlled plane using indigenous materials. The Robotics and STEAM Lab at SRMPS stands committed to encourage innovations from students like Kamalesh. Best wishes to the young inventor.



Khushi Bhattacharjee, a student in 6F, made the school proud by securing the first rank with a 100-percentile result in the National Astronomy Challenge – The Largest Olympiad on Astronomy and Space conducted by STEM & Space. The National Astronomy Challenge is an initiative that aims to build the cosmic perspective of every young learner towards the 21st Century domains like Astronomy and Space Science. Additionally, Khushi had the privilege of going on an expedition to visit the Aryabhata Research Observatory in Nainital. Khushi was shortlisted to join STEM and Space expedition to the ARIES Devasthal where she interacted with numerous scientists and astronomers, experienced guided views of the observatory telescopes, and solar and evening observations at the observatory.

# Awards & Achievements...



Congratulations to Ms Lamika, Grade 3 E for securing 3rd Rank in international Maths Olympiad. She also won medals in English, EVS & CS Olympiads. We wish her all the best for winning more laurels in the future. She received the medal from the School's Correspondent Sri M Subramanian and the Advisor, Dr K R Maalathi.



Heartiest Congratulations to Master B Subikshan for being rewarded the yellow belt in Silambam 1st stage as well as for being special performer in individual performance, in the Silambam Competition organised by Agathiyar Kalari Silambam & Varmakkalai Academy.



SRMPS Congratulates Master P Rithuraj for securing the first place in the Individual Kata category and Master M Jithendiran position in the Individual Kumite category for securing the third in the National Level Open Karate Championship held on 10.07.23.



# Awards & Achievements...



Heartiest congratulations to Ms S Dhuwaraga and Master Barani Vishwanathan for securing a certificate of merit and Trophy in the Nadukambu & Nedunkambu events of Silambam in the 3rd Chengalpattu District Silambam Championship 2023-24.



Heartiest congratulations Ms Preyakshana Mitra of UKG who participated in the South India Open Martial Arts Championship 2023 where she won a certificate of merit and a trophy for exhibiting excellence in Martial Arts.

# Awards & Achievements...



Congratulations to Y Harjit Yogendra for winning a gold medal in the Orange Belt Category at the 3rd South India Open Martial Arts Championships 2023. He also stood second in the Kumite Event.



Congratulations to J Visharat for winning a bronze medal in the Orange Belt Category in both Kata and Kumite fights, at the 3rd South India Open Martial Arts Championships 2023.



Students of SRMPS rocked at the recently concluded events at Vana Vani Matriculation School on 21.07.23. The school won prizes in 13 events out of 21 events and nearly 33 students came back with trophies. SRMPS was also awarded the overall trophy for Van Quest.

# Awards & Achievements...



We are delighted to share that the SRM Public School has been awarded, with the India K 12 Award, by Eldrok India, in recognition for excellence in Adoption of Technology in Pedagogy.



Congratulations to Abib Deborah (XI A) for winning the Special Mention Award at VANAVANI MUN held on 15.07.23.



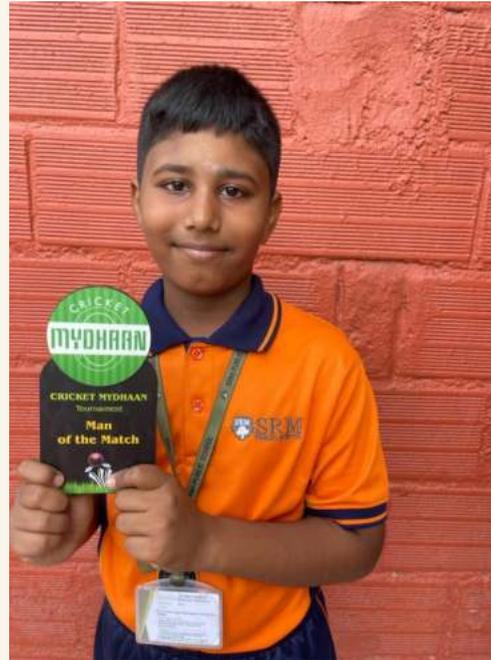
SRMPS commends the performance of the students who participated in the various events for Mutamizhl Vizha organised by Van Vani Matriculation School and held on 15.07.23

# Awards & Achievements...



Heartiest Congratulations to Master Dheeraj Sethupathy for securing 2nd position in the Kata event at the 7th South India Invitational Open Karate Championship-2023 Master Aadarsh D for securing 1st position in the Kata event & Kumite event at the 7th South Indian Invitational Open Karate Championship Master Hrithick Arya for winning the Silver medal in the OrangeBelt Category and Bronze medal in Kumite Fight at the 3rd South India Level Open Martial Arts Championship Miss L Laksha for winning the Gold Medal in Individual performance at Mini Sub Junior level at the 3rd South India Level Open Martial Arts Championship Miss R Dhanya for winning Silver medal in yellow belt category in the 3rd South India Level Open Martial Arts Championship

# Awards & Achievements...



Heartiest Congratulations to Master Dharaneshwaran G for securing 2nd position in the Kata event at the National Level Open Karate Championship (Challenger's Cup) Master Azrey Joel for securing 1st position in the Kata event & Kumite event at the 7th South Indian Invitational Open Karate Championship Master Hrithick Arya for winning the Silver medal in the Orange Belt Category and Bronze medal in Kumite Fight at the 3rd South India Level Open Martial Arts Championship Master Sarvesh for being chosen Man of the Match in the Mydhaan Cricket Tournament

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

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