



# SRM

PUBLIC SCHOOL

A SENIOR SECONDARY SCHOOL

**Educating Minds. Enriching Lives**

*Newsletter*

**DECEMBER 2023**

**GRADE VI**

*Abhivyakti*

2023-2024

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Abhivyakti  
2023-2024



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# From The Desk Of the

## PRINCIPAL

### Time - the mighty!

As we walk into a leap year with 24 hours added to our lives, I feel that knowing the value of time and how it slips off like smooth butter on a hot Dosa will make us travel through consciously. TIME "Kaal" is that dimension that is the measurable period during which an action, process, or condition exists or continues. It is that dimension that always remains a witness making 'Kaal'(Time) the most valuable thing that is eternal and powerful but is hardly valued or respected. Managing time is not necessarily about getting a lot of things done. Instead, getting the right thing done correctly and navigating successfully the journey called LIFE. I request all my parents and students to read this together and see how you can work together to make 2024 a productive year filled with wonderful memories.

#### Seven Steps to Utilize Time in an Effective Way:

1. **Focus on the Most Important Tasks First:** Calculate how much your time is worth for a particular job. This will help you to prioritize the work and focus on the important task first.
2. **Create a Time Audit:** keep track of the work that you do every week, identify which task consumes more time and analyze whether it is worth.
3. **Set a Time Limit for Each Task:** When you set a time limit for each task, then you will not get distracted and become efficient.
4. **Plan Ahead:** If you plan well in advance, you can be more organized and efficient.
5. **Don't Waste time in Waiting:** If you have to wait for the completion of a



task, then utilize that waiting time most effectively. Instead of sitting idle, you can read any book or study material of your interest. This will increase your productivity.

6. **Work Smarter and Not Harder:** When you juggle with time, then be smart enough to take up one single task and finish it. Quality is more important than quantity.

7. **Consistency:** To achieve the set goal, perform your tasks in a measured way consistently.

If one tries to accomplish things overnight or in a short span, one often tends to falter. If one has to learn and acquire knowledge, constant, consistent practice with awareness and learning will surely help one reach the goal. Similarly, if one aspires to build wealth, then plan and start acquiring it steadily in measured quantities over a while.

By realizing the value of time and utilizing it effectively, one can not only achieve the goals to the utmost personal satisfaction but can also contribute to the advancement and development of the society and country with happiness.

lets respect time and grow to be respected in life.

**Mrs. Bhuvaneshwari. S**

# Teacher Articles...



## **EMBRACE THE NEW YEAR WITH POSITIVITY AND ENERGY!**

Get ready to infuse your days with even more positivity and energy as we embark on this incredible journey called 2024! Here are a few more ways to elevate your spirits. • Explore practices that bring harmony to your mind and body. • Take a moment to celebrate your achievements, big or small. • Acts of kindness have a ripple effect. • Visualise your dreams and aspirations by creating a vision board. • Connect with nature. • Identify habits that brings joy into your life • Dedicate a few minutes each day to jot down things you're grateful for. • Consider a digital detox and allocate some screen - free time each day to engage in activities that brings you joy. Let's make 2024 a year where positivity knows no bounds. Your journey is an adventure waiting to unfold, filled with the promise of joy, growth and countless moments of inspiration. Wishing you an electrifying year of positivity.

**SHEELA KESAVAN K V**  
MIDDLE SCHOOL COORDINATOR



## **WHY PAINT DOES NOT DRY SLOWER IN A HUMID ENVIRONMENT?**

Since evaporation occurs faster when the air surrounding a liquid source is dry, common sense suggests that outdoor fence paint should dry faster on a dry day than on a humid day. But anecdotal evidence suggests this is not the case for paint and other liquids. Six years ago, chemist Jean-Baptiste Salmon and colleagues developed a theory to explain why this is the case. They suggested it is because large molecules in the liquid are pulled to the surface during evaporation, forming a 'polarization layer' that inhibits evaporation, and by extension, drying. In this new effort, the research team conducted an experiment to test this theory.

The researchers drilled five holes into a squat, round cylinder and inserted glass capillary tubes in a horizontal position—each was then sealed in place. They then added a quantity of polyvinyl alcohol into the cylinder, which they placed on a scale. They poured a thin layer of oil on top of the liquid to prevent surface evaporation.

The final touch involved placing an RH-controlled air flow box over the top of the cylinder to allow for controlling humidity levels. The team then ran multiple 17-hour trials to determine evaporation rates (using the scale to measure how much liquid evaporated) from the tubes at different humidity levels, ranging from 25% to 90%.

The researchers found that as expected, evaporation rates remained constant for approximately three hours. But then, rates plummeted, as was theorized by Salmon, regardless of humidity levels. The evaporation rate did not decrease as humidity increased during the initial three hours. However, the theory only appeared to hold for humidity levels up to 80%—at rates higher than that, evaporation did slow down, which the team suggests was likely due to some other force.

The researchers suggest their work could have medical applications as recent research efforts have shown that respiratory droplets tend to form skins similar to those seen in the experimental apparatus.

**ATHI LAKSHMI R**  
CLASS TEACHER - VI 'B'



## बूँद- बूँद पानी का

एक-एक कतरा मिलकर दरिया बनता है।  
एक न एक दिन दरिया सागर में मिलता है।  
हर एक बूँद किसी न किसी की प्यास बुझती है।  
जब सागर से मिले दरिया तो किसी भी काम की ना रह जाती है।  
बिना पानी की खुशियाँ जाने कहाँ रह जाती है।  
जब बरसे बादल तो चारों ओर हरियाली छा जाती है।  
बारिश में जग लगे सुहाना सा।  
बिना पानी के लगे सब सूना - सूना सा।  
दो दिन पानी बरसे तो सब उसमें भीगेंगे।  
अगर चार दिन पानी बरसे तो सब उसमें डूबेंगे।  
पानी को बचाएँगे तो बच जाएँगे।  
वरना बिना पानी के तड़प -तड़प के मर जाएँगे।  
पानी की करो रक्षा।  
उसी ने तो दिया है हमें यह जीवन की भिक्षा॥



**नंदिनी . र ( Nandhini R)**  
CLASS TEACHER - VI 'E'

## 6 THINGS 2023 TAUGHT ME

- 1.Our thoughts result in action.
- 2.The most precious thing in your life is the people you love and the time you get to share with them . Do not take them for granted . You will not know how long you will have them.
- 3.There are things in your life that are beyond your control . Don't waste your energy by controlling them or over thinking about it.
- 4.Not every year of your life needs to be thrilled . It's ok to be unexcited and unexpected. Embrace it !
- 5.If the person you are travelling with is not helping in your problems then it means you are not travelling with the right person.
6. Dark time teaches you a good lesson.



**ASHIKA BANU M**  
CLASS TEACHER - VI 'C'

## PERSEVERANCE

Dear children,

Perseverance Is the Major Key to Success. It requires patience, determination, and regular practice to develop this skill. Having perseverance teaches you how to focus on solutions instead of problems and focus on the big picture instead of abandoning a situation or responsibility half way through. Success doesn't come easily at any stage in life, and there are many hurdles that need to be cleared before achieving a goal. Being persistent is the key that separates being successful from being disappointed.

Do you give up too soon? All successful people have failed at some point and some have failed many times. Part of success is learning from your failed attempts and persisting, realising that failure is part of achieving.

This story is about perseverance and the message offered in this story can help you stay motivated and continue to work hard to achieve your goals.

Rajiv was a poor man living in a village by the name of Tarapur. He had very little money. He did many jobs to fill his pocket, but was not satisfied. He hardly made ends meet.

One day, while walking on the street, he saw an old woman with 2 big bags in her hand struggling to walk. He helped her and dropped her to the bus stop where she wanted to go. As she departed, she thanked him and gave him a bunch of bananas from her bag for helping her. He was very hungry. He received it happily. When he was about to eat, an idea struck him. As he was on the main road and near a bus stop, he started selling those bananas to the travellers. He earned some money. With that he decided to buy some more bananas. He knew a fruit shop in the village. He started buying fruits from him and sold them at the bus stop. Slowly, the sales picked up. There were no eateries in the surrounding area, which gave him an advantage to push the sales up. A couple of months later, he opened a pretty shop with fruits and some other small items. Within a year's time his business grew well. He became a well known businessman.

The Moral :

Raju accepted many rejections and failures before he succeeded. It was because of his perseverance that he ended up becoming a Successful businessman.

This story is inspirational because it's an example of how perseverance and dedication, along with hard work, will lead to SUCCESS. "Success is not the absence of failure; it's the persistence through failure".

Every New year is filled with Possibilities , so Dream Big and Believe in Yourself, Practise it and Achieve it.



**FLORA JHANSI ,A**  
CLASS TEACHER - VI 'F'

## **MATH POEM**

**Math Is Like Time  
It Never Stops  
Math Is A Book  
You Can't Close It Till  
It's Done  
Math Is A Painting  
You Can't Lose Interest In It  
Math Is Like An Eternity  
It Is Never Over  
Math Is A Smile  
It Makes You Happy And Evil  
Math Is A Bag  
It Can Hold Your Skills  
Math Is Like Your Mother  
It's Always There When You  
Need It  
Math Is Like A Rainbow  
It Makes Our Life Colourful  
So Math Is There In Your  
Day To Day Life**



**SHALINI.K**  
VI 'A'

## **PENGUIN**

They are one of the best looking marine birds. They look like a man walking wearing a Tuxedo(Suit). Penguins lost flying ability millions of years ago. They can survive in unusual climates like in Antarctica, New Zealand, Australia, South America etc. Penguins are quite emotional. Male penguins give pebbles as a gift to female penguins. Eggs are hatched by male Penguins. A story about a DIM DIM:  
Far away near a coastal area in RIO. A penguin was covered with Oil, wrapped around plastic wires, not able to walk, bleeding etc. This penguin was saved by a 70 year old man and named him DIM DIM and he took care of it. DIM DIM got quite emotional attached to the old man. Once DIM DIM fully recovered, he was set free in the sea by the old man. Whilst DIM DIM was on his way back home the old man was quite emotional and started crying which DIM DIM saw. As the old man got attached to DIM DIM, he was not eating and keeping well. However exactly after a year DIM DIM returned back to see the old man swimming back 5000kms and spent 1 month with the old man. This has become routine and every year DIM DIM used to come and spend around a month with the old man and this has continued for more than 10 years since 2011. This is one of the best and cute love stories about Humans and Birds. Penguins are very special. That's the reason every year on 25th April, World Penguins day is celebrated. \They have feet like flippers and are used for swimming fast.



**KOMMA GEETHANVITHA REDDY**  
VI 'A'



# Student Articles...



## RIDDLES

Riddle: What goes up when the rain comes down?

Answer: umbrella

Riddle: If you cut me, I won't cry, but you will! What am I?

Answer: an onion

Riddle: What goes up but never goes back down?

Answer: age

Riddle: What do you have to break before you can use it?

Answer: an egg

Riddle: What is full of holes but can still hold water?

Answer: sponge

Riddle: What starts with gas and has three letters?

Answer: car

Riddle: What does this say? HIGH HIGH HIGH HIGH HIGH

Answer: high five

Riddle: What kind of tree can you carry in your hand?

Answer: palm tree

Riddle: What two things can you never eat for breakfast?

Answer: lunch and dinner

Riddle: I'm a man, but I'll never have a wife. Water gives me life, but the sun brings death. What am I?

Answer: snowman

Riddle: I have legs, but I can't walk. A strong back, but I don't do work. Two arms, but I can't move them. What am I?

Answer: armchair

Riddle: If you have one, you want to share it. If you share it, you haven't got it. What is it?

Answer: a secret

Riddle: 10 people are under one umbrella. But nobody gets wet. Why?

Answer: It wasn't raining.

Riddle: You will buy me to eat but never eat me. What am I?

Answer: plate (fork or spoon also works)

Riddle: What has many keys but can't open any doors?

Answer: a piano

Riddle: I follow you all the time and copy your every move, but you can't touch me or catch me. Who am I?

Answer: your shadow

Riddle: I am an odd number. Take away one letter, and I become even. What number am I?

Answer: Seven

Riddle: What is once in a minute, twice in a moment, but never in a thousand years?

Answer: the letter M



**D.S KANISHKA SRI**  
VI 'A'

## THE MYSTERIOUS THEORY OF BIG BANG

Around 13.7 billion years ago, everything in the entire universe was condensed in an infinitesimally small singularity, a point of infinite denseness and heat.

Suddenly, an explosive expansion began, ballooning our universe outwards faster than the speed of light. This was a period of cosmic inflation that lasted mere fractions of a second — about  $10^{-32}$  of a second, according to physicist Alan GUHT 's 1980 theory that changed the way we think about the Big Bang forever.

When cosmic inflation came to a sudden and still-mysterious end, the more classic descriptions of the Big Bang took hold. A flood of matter and radiation, known as "reheating," began populating our universe with the stuff we know today: particles, atoms, the stuff that would become stars and galaxies and so on.

This all happened within just the first second after the universe began, when the temperature of everything was still insanely hot, at about 10 billion degrees Fahrenheit (5.5 billion Celsius), according to NASA. The cosmos now contained a vast array of fundamental particles such as neutrons, electrons and protons — the raw materials that would become the building blocks for everything that exists today.

DIVYANSH SINGH

VI 'A'



## QUOTES

“A question is the future,  
An answer is the present,  
The clue to find the future  
Is in the past”

“Education is important,  
You won't think it now  
But in future indeed  
You will understand”

“Don't believe that failure is the deadline,  
Believe that it is just fake  
Because Success is the truth”

“Think your life is like a line,  
It won't end till you put a point.  
The point is the success”

“A pen writes till there is ink,  
Don't stop when the ink is over.  
Put some more ink and start writing,  
because the pen is the life and  
the ink is the Success”

“Without the glasses you can  
See because in our history,  
before 250 years, people  
Didn't put glasses.



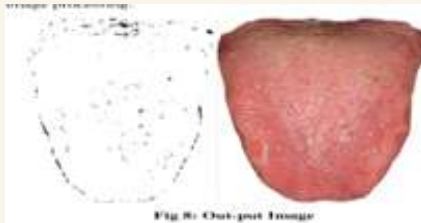
BLESSY EDLYN. J

VI 'A'

# Student Articles...

## AMAZING FACTS

The strongest muscle in the body is the tongue. We have to break it to you that tongue is not the strongest muscle in the body. The tongue itself is a muscle and it contains at least eight different muscles which are intertwined by creating a very flexible matrix. The strongest muscle in the body is Masseter which is responsible for lifting



Like fingerprints, everyone's tongue print is different. Did you know that everyone has a different tongue print like finger prints? Our tongue prints also have unique identifying marks. As reported by researcher David Zhang, our tip of the tongue has a unique physiological texture and geometric shape that can possibly be used for verification

When the moon is directly overhead, you will weigh slightly less. Yes, this is true, as per the calculation it is said that a person will weigh 0.48g lighter for a 100kg person. When the moon is directly overhead, they are going to weigh 0.5g lighter as the moon attracts you in the same way it attracts water when it makes tides



People say "Bless you" when you sneeze because when you sneeze, your heart stops for a millisecond. Your heart doesn't stop completely but, it may slow down or skip a beat. But there is nothing to worry about.

Women blink nearly twice as much as men! This is pure myth! Blink rates are pretty identical for both the sexes. Scientists have suggested that the interval between blink is nearly about 2-10 seconds so an average person blinks about 10 times per minute. Another interesting fact is that, we blink less frequently if our eyes are focused on one thing. For instance, while you read, you only blink three times per minute because while reading you are very focused..



# Student Articles...



It is impossible to lick your elbow. This is true, the entire joint of the elbow is between the upper and lower arm and most people seem to think that the elbow is the pointy part on the outside of their arm when they bend it.

If you sneeze too hard, you can fracture a rib. If you try to suppress a sneeze, you can rupture a blood vessel in your head or neck and die. Yes, if you block the pressure of the sneeze, it can cause a rupture of the eardrums, irritation of the the throat and in worst cases, rupture



Wearing headphones for just an hour will increase the bacteria in your ear by 700 times  
You cover your ears from the natural air when you wear headphones which increases the production of bacteria by 700% in 1 hour. Your eardrum cannot bear influx of bacteria in that much quantity so it starts to react by paining or hearing loss in long term.

**V.MADHESH**  
VI 'A'



# Student Articles...



## NEW YEAR

New Year is a time or day on which a new calendar year begins and the calendar's year count increments by one.

### Ancient New Year celebrations

The earliest recorded festivities in honor of New Year's arrival date back some 4000 years to ancient Babylon.

### New Year resolutions

Do resolutions right

Create "Fresh starts"

Reframe to make it fun!

Break goals into micro habits

Evaluate your resolution.

Consider the negative risks.

ABINAYA BALACHANDRAN

VI 'A'



## THE MOST FUTURISTIC TECH IN THE WORLD

In our world technology is evolving constantly. From the discovery of light bulbs to flying cars and the multi- and metaverse. In this article I am going to tell you about the world's most futuristic technological breakthroughs, you'll think people are already using time machines!

An old proverb once said " Old is Gold ". Chatbot like ChatGPT and Google Bard are very helpful but the first chatbot was ELIZA created by Joseph Weizenbaum, a computer scientist at MIT (Massachusetts Institute of Technology). Now let's get to the fun stuff. Robert Edison Fulton Jr was the creator of the first ever flying car in 1946 called Fulton FA-2 Airphibian. The Metaverse is a crazy little tech and in 2030 it will become reality. The metaverse is the entire internet. It contains videos, apps, games, memory, notes and many more. If one can hack into the Metaverse (firstly it's illegal so don't worry) they get access to all the technology in the world but the Metaverse is impossible to hack so it will never happen. It has too much security. There are many other plans and finished tech like smart TVs, lights and Air Conditioners with voice assistance. Drag and drop virtual touch screens where you hold or click in the air, holographic computer keyboards that can be used to type. In conclusion, tech is growing sustainably. Though people think we are getting too lazy and soft due to technology. It is good to minimize screen time, read books and do physical exercise. Stay healthy and explore those technologies. Thank You.

NAKUL VIGNESH.S

VI 'B'



## அன்புள்ள அப்பா

தோள் மீது நீ போட்ட துயரங்களை நீ பகிர்ந்தாய்.  
சொல்லி சொல்லி பாராட்டி சுகத்தை நீ தந்தாய்.  
சுட்டி விரல் பிடித்து எட்டி எட்டி அடிவைக்க முற்றத்தின் வீதியெல்லாம்  
சுற்றிக்காட்டினாய்.  
நான் சுகமாக வாழ்ந்த நாட்கள் எல்லாம் நீ சமையாக வாழ்ந்தாய்.  
அப்பா என்ற அழகை ஓசை கேட்டால  
ஓடோடி வந்து கட்டி அணைத்திடுவாய்.  
அன்பையும் அறிவையும் நீ புகட்டி, தினம் தினம் நெஞ்சில் சுமந்தாயே.  
இரவின் புன்னகை நிலவில் தாலாட்ட,  
மண்ணின் மடியில் அகரம் எழுதிக்காட்டினேன்,  
ஆகா என்று மகிழ்ந்தாயே!  
ஆருயிர் இன்பம் – கண்டாயே!  
கை வண்டி உருட்டும் அழகை பார்ப்பாயே,  
ஊருரெல்லாம் என் பேச்சாய் திரிவாயே!  
தூரதேசம் போனாலும் மிட்டாய் வேண்டி வாருவாயே!  
உண்டு நானும் மகிழ்ந்திடுவேன்.  
இரவில் நெஞ்சில் சுமப்பாயே  
இனிய கதைகள் சொல்லிடுவாய்  
இதமாய் நானும் மகிழ்ந்திடுவேன்  
அம்மா என்றால் அன்புதான்  
அப்பா என்றால் அறிவுதான்.



ஆராத்திரிகா

VI 'B'

## SEVEN FUN FACTS FOR KIDS

### Marine Animals:

A blue whale's tongue is heavier than an elephant.

A crab's taste buds are on their feet.

Octopuses have three hearts.

The American lobster can live to be 20 years old.

### United States:

The United States has the fourth – longest water system in the world.

Alaska is the state with the longest coastline.

The tallest monument in the United states is the Gateway Arch in St. Louie.

### Disney:

Walt Disney World resort is about the same size as San francisco.

Mickey Mouse was the first animated character to receive a star on the Hollywood Walk of fame.

Pocahontes is the only Disney princess with a tattoo.

### Guinness world Record:

The “Guinness world record” full form is “Guinness Book of world records”.

It was first published in 1955.

The Simpsons is the longest-running animated television show (based on episodes).

Ashrita Furman is the person with the most Guinness World records titles.

## “WHAT IF I (DHASHWIN) BECOME THE CHIEF MINISTER OF TAMILNADU”

There are a lot more to think. Anyways the top 10 priority list of mine

1. Well-equipped government hospitals and schools:

I would not just inaugurate hospitals and schools; I would go there on surprise visits to see the reality.

2. Free school education and revisiting the syllabus:

Free school education will be given to all the students.

Agriculture will be a mandatory part of the syllabus. More of physical and practical education will be given for school students.

3. No more caste-based reservations for professional seats:

No caste, no minority. It would be based on only merit and consideration would be given only for below poverty line people.

4. Agriculture:

Every student should mandatorily do agriculture for atleast one year after their studies.

Farmer’s agricultural loans will be considered for loan waiver.

5. More dams and lakes:

Building more dams and all lakes and ponds will be renovated and revamped.

Tamil Nādu needs it badly to avoid flood like situations.

Registering agricultural lands will be strictly punished.

6. Government postings only through exams and interviews:

All the government postings including MLAs and even CM will be selected by exams and interviews.

The interviews should be conducted through teleconferencing with transparency to public. (It may not be easy but it’s worth it).

7. Corruption free government:

Government is to serve the people and not get bribe for doing their work.

Corruption leads to life time punishment of planting trees in jail.

8. Tree plantation and plastic banning for eco-friendly future:

Planting of trees would be made mandatory for all students and employees.

Using plastic items will be strictly banned.

9. Employment Opportunities:

Steps will be taken to provide employment to all the outcoming students in all the fields. TN is full of Engineers with less number of bankers, teachers, doctors, lawyers, accountants. This should be balanced first.

10. Reduction of accident count by controlling traffic via smart solutions:

I would implement a lane system across Tamil Nadu like in Dubai.

I think this is essential, especially for Chennai. When Indians can go abroad and follow the rules, why can’t we do the same in our country?



**DHASHWIN G**

VI ‘C’

# Student Articles...

## **FRIENDSHIP**

Friends Are Stronger Than Fire,  
They Are As Strong As Sapphire  
They Can Be Tied Together And Forever  
They Are Like Siblings Who Care And Share Ever  
They Are The Light Of Rainbows  
Destroying The Impression Of Shadows  
Their Bond Can Never Be Broken  
This Need And Deed Is A Special Life Token  
Best Friends Make Us Happy  
This Feeling Is A Mind Relaxing Therapy

**NIHARIKA R**

VI 'C'



## **BOOKS – THE PROFOUND TREASURE!**

BOOKS! BOOKS! BOOKS!  
Don't judge them by their looks!  
They are like Profound Treasure,  
so, read them with pride and pleasure!  
Every book contains something to share,  
a bewildering message filled with Love & Care!  
Life is incomplete without books,  
Every page remarks a story,  
Sometimes Joyous, Sometimes Melancholy.  
Books are like the symphonies for life,  
to overcome any kind of struggle and strive!  
Finally, Books are the luminiferous lights,  
which would succeed us to any heights!!!

**MADEEHA FATHIMA**

VI 'C'





## AIR QUALITY INDEX

### Introduction

Air is a major component of Earth and contains mixture of various gases like Nitrogen (78%), Oxygen (21%) and other gases (1%) approximately. This Oxygen in the air is foremost needed by all terrestrial and aquatic creatures on this earth. Some of the important and interesting facts of Air

- A person inhales almost 16 Kgs of air every day
- A human needs 10 times more air than water and food
- The weight of the air creates required atmospheric pressure
- An atmosphere with <16% Oxygen can be life threatening
- Air pollution kills 800 people every hour which is more than 3 times of people who die from Malaria, TB and AIDS combined each year
- Without air, sound wouldn't travel

Hence to maintain a good quality of air is vital for the living organism in earth.

### Air pollution

Air pollution refers to the release of harmful substances into the air due to human activities like deforestation and industrialization. This leads to the degradation of air quality. We have to measure the magnitude of this air pollution to take appropriate measure to control the air pollution.

### Air Quality Index (AQI)

The Air Quality Index (AQI) is used for reporting daily air quality. AQI is a table that has been developed by the Environmental Protection Agency (EPA) to provide the information to every citizen about level of air pollution daily.

The AQI tracks Ozone and particle pollution (tiny particles from smoke, power plants, factories, vehicle exhaust etc., Newspapers, Radio, Television and Websites report AQI levels year- round.

The AQI is divided in 6 categories as below

### Way Forward for Better AQI

- Good initiatives to combat deforestation and promote reforestation. Eg. The Philippines government launched National Greening Program, which aims to plant 1.5 billion trees by 2028
- We have to restrict vehicle usage as much as possible and migrate to Electric Vehicles to minimize CO2 emission
- We have to focus on 3R (Reduce, Reuse, Recycle) to optimize Industrial outputs
- Government initiatives towards Renewable electricity generation like solar, windmill etc.,



HARISH M

VI 'C'

## POTTERY

Who is cooking food in a mud pot these days? About this mud pot many people have started talking. What about the Tamizhans? Did we forget all that? No, we didn't forget only we don't know.

This mud pot has few small holes and because of that the heat remains the same. Industrial researches of the Tamilians found Black and Red mud pots are available.

In that Black pots, used coating is a Nano coating. The Tamilians used 69 types of pots. Why they used these pots! In mud pot, the water temperature will remain same in both summer and winter climates.

When we do research, we can see that they did the Nano coating before 2400 years. On those periods, the people had used Nano technology. The technology named Graphene. Graphene stands out for being tough, flexible, light and with a high resistance.

It's calculated that this material is 200 times more resistant than Steel and 5 times lighter than Aluminum. Before 2400 years, 0.6 nanometer size we have applied to make this layer.

To make a mud pot we have to select the right soil and pour the right amount of water. For each mud pots there is a color. This color turns to appear by leaving the soil and heat the mud pot to 1200 degree Celsius. Have to heat in 1200 degree Celsius to create this Nano technology.

Likewise they created a lot of pots. Tamilians used mud pots for various reasons. To cook the rice, they created adishripani. There is a big mouth named Kanjipani to filter the porridge.

Ghadam is not a normal pot. Specially made to be used as musical equipment. It is a light weight, soft and strong to produce the sound.

Various types of pots have created and named it for each and every pot. Agapanai, Agakupanai, Agattupanai, Usumbiyapanai, Uripanai, Ekkupanai, Eluthupanai etc....



**KAAHINI S**  
VI 'D'

## ABDUL KALAM – A LIFE THAT INSPIRED THE WORLD

APJ Abdul Kalam was an Indian aerospace scientist, author, and politician. He was born in a poor family on 15th October 1931 in Rameshwaram, Tamil Nadu. His father Jainulabdeen was a boat owner and his mother Ashiamma was a housewife.

Dr. Abdul Kalam worked at various chief positions at ISRO and DRDO. He was widely known as the 'Missile Man of India'. Dr. Kalam served as the 11th President of India from 2002 to 2007. He was widely referred to as 'People's President'.

Kalam earned a degree in aeronautical engineering from the Madras Institute of Technology and in 1958 joined the Defence Research and Development Organisation (DRDO). In 1969 he moved to the Indian Space Research Organisation, where he was project director of the SLVIII, the first satellite launch vehicle that was both designed and produced in India. Rejoining DRDO in 1982, Kalam planned the program that produced a number of successful missiles, which helped earn him the nickname "Missile Man." Among those successes was Agni, India's first intermediate-range ballistic missile, which incorporated aspects of the SLV-III and was launched in 1989.

Kalam wrote several books, including an autobiography, Wings of Fire (1999). Among his numerous awards were two of the country's highest honours, the Padma Vibhushan (1990) and the Bharat Ratna (1997).

Upon returning to civilian life, Kalam remained committed to using science and technology to transform India into a developed country and served as a lecturer at several universities. On July 27, 2015, he collapsed while delivering a lecture at the Indian Institute of Management Shillong and was pronounced dead from cardiac arrest soon afterward.

Awards received by Dr. Abdul kalam:

- Padma bhushan
- Padma vibhushan
- Bharat Ratna
- Indira Gandhi Award
- Veer Savarkar Award
- SASTRA Ramanujan prize
- Von Braun award
- Distinguished Fellow
- Honorary Fellow
- King Charles II Medal
- Hoover Medal
- Honorary Doctor of Engineering
- Honorary Doctors of Law
- IEEE Honorary Membership
- International von Kármán Wings Award
- Honorary Doctorate of Science



**ANIRUDH M**  
VI 'D'

## JADON'S BRAIN-TEASERS

1. What is so fragile that saying its name breaks it?
2. There are 10 fishes in a tank, 2 drown, 4 swim away, 3 die. How many fishes are left?
3. It is weightless, you can see it if it is on something. If you put it in a barrel the barrel becomes lighter.
4. What is as light as a feather but the strongest man cannot hold for long?
5. It belongs to you, but your friends use it more. What is it?
6. Why did 8 run away?
7. Imagine you are in a room with no windows or doors. How will you get out?
8. How many letters are in the alphabet?
9. I come with many colours, bright, I turn so many houses into a beautiful sight. What am I?
10. What was Santa's favorite subject in school?



J. JADON SAJIV

VI 'E'

Answer:  
1. Silence.  
2. 7 fishes.  
3. A hole.  
4. Breath.  
5. Your name.  
6. 8 ran away because  
7. 8 (rhyming for ate), 9.  
7. Stop imagining.  
8. 11 letters (there's only 11 letters  
in the phrase 'the alphabet').  
9. Serial lights.  
10. Chemistry.

## RIDDLES

1. What question can you never answer yes to?  
Answer: Are you asleep yet?
2. What is always in front of you but can't be seen  
Answer: The future
3. What can you break, even if you never pick it up or touch it?  
Answer: A promise
4. I shave every day, but my beard stays the same. What am I?  
Answer: A barber
5. What can you hold in your left hand but not in your right?  
Answer: Your right elbow
6. What is black when it's clean and white when it's dirty?  
Answer: A chalkboard
7. I'm light as a feather, yet the strongest person can't hold me for five minutes. What am I?  
Answer: Your breath
8. If you're running in a race and you pass the person in second place, what place are you in?  
Answer: Second place
9. It belongs to you, but other people use it more than you do. What is it?  
Answer: Your name
10. What can you catch, but not throw?  
Answer: A cold
11. What kind of band never plays music?  
Answer: A rubber band

ANCELINA AMALIN PRINCE

VI 'E'



## **HABITS TO BECOME SUCCESSFUL IN LIFE**

Being successful and productive is very essential in life, especially for students. Dealing with academics is difficult, but with a productive routine, you can achieve peace and perform well in your academics. Here are some habits that are quite essential for students.

**Wake up early.** Waking up early in the morning is essential. You will feel tired, but once you practice continuously, it becomes a habit.

**Think about your day.** After you wake up, take a minute to plan your day. Think about what you are going to do that day. Write it on a planner if possible.

**GET READY:** As soon as you wake up, get ready. Remember to maintain your health by exercising, doing yoga, or doing some physical activity. Try on new outfits and make sure you look good.

**HEALTH:** Do not skip meals. Eat your breakfast, lunch, and dinner without fail. It is the key to keeping your body energetic.

**DON'T PROCRASTINATE:** Procrastinating is very bad for your life. Try to do all the things on time without delaying or doing them at the last minute.

**BE ON TIME:** Always wake up early and be on time. Being early to school is fine, but being way too late is never good. Make all your arrangements according to the time you wake up.

**TAKE A NAP:** It is important to take a short nap after you are back from school because you will be tired and your body will get energy after you wake up.

**COMPLETE ALL YOUR WORK:** It can be homework, classwork, assignments, or whatever. Just complete it on time.

**STUDY:** Do study every day to maintain good knowledge.

**GO TO BED EARLY:** Once you have had your dinner, go to bed early without delay so you can wake up early in the morning.

**SRINIDHI S**

**VI 'E'**



## **MY FAMILY**

My brother is there for my EVERY mistake  
We have to share EVERYTHING, we even share a birthday cake  
So of course, I don't really show affection,  
But I'm thankful god sent you in my direction

My dear mom, even though we fight  
You're the one who taught me what is wrong and right  
When I grow up you just wait and see  
I'll take care of you, because you took care of me

My dad, you're the king of the house  
Compared to you, I'm as tiny as a mouse  
But I look up to you that's the truth  
You've been my hero my whole youth

This is for my dog with only 3 moods  
You're either lazy or crazy  
Or obsessed with food  
And although you snore very loud  
You're my dog and I am proud



**AKSHARA .M**

VI 'F'

# Artistic Expressions...



**KOMMA GEETHANVITHA REDDY**  
VI 'A'



**VENKATA KARTHIKEYA VARADHAN. G**  
VI 'A'

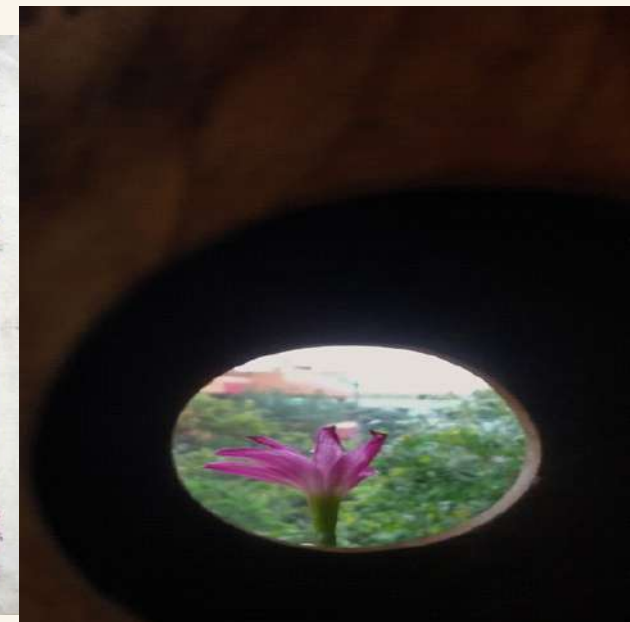
# Artistic Expressions...



**MADHESH V**  
VI 'A'



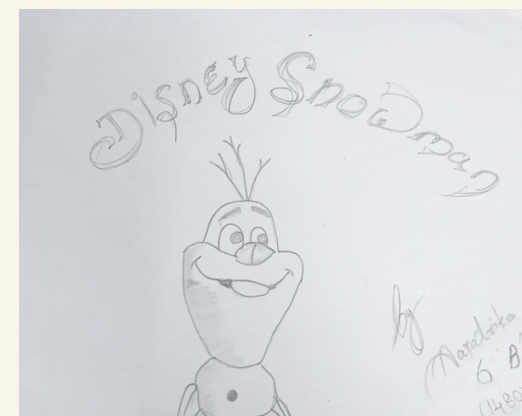
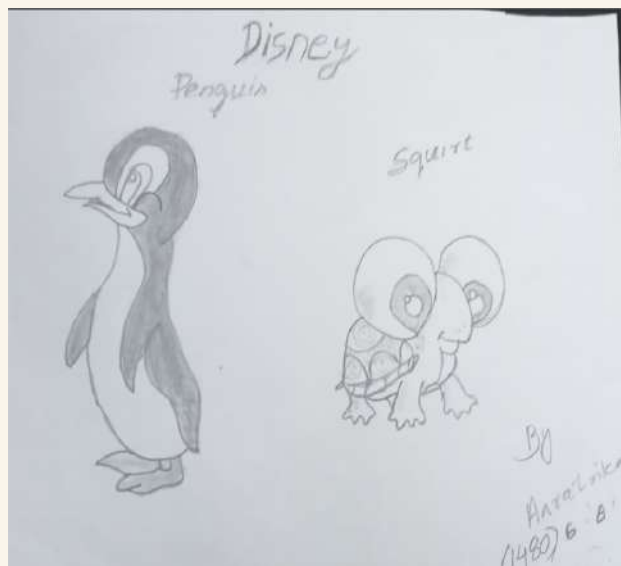
**MRITTIKA D**  
VI 'B'



# Artistic Expressions...



ஆராத்திரிகா  
VI 'B'

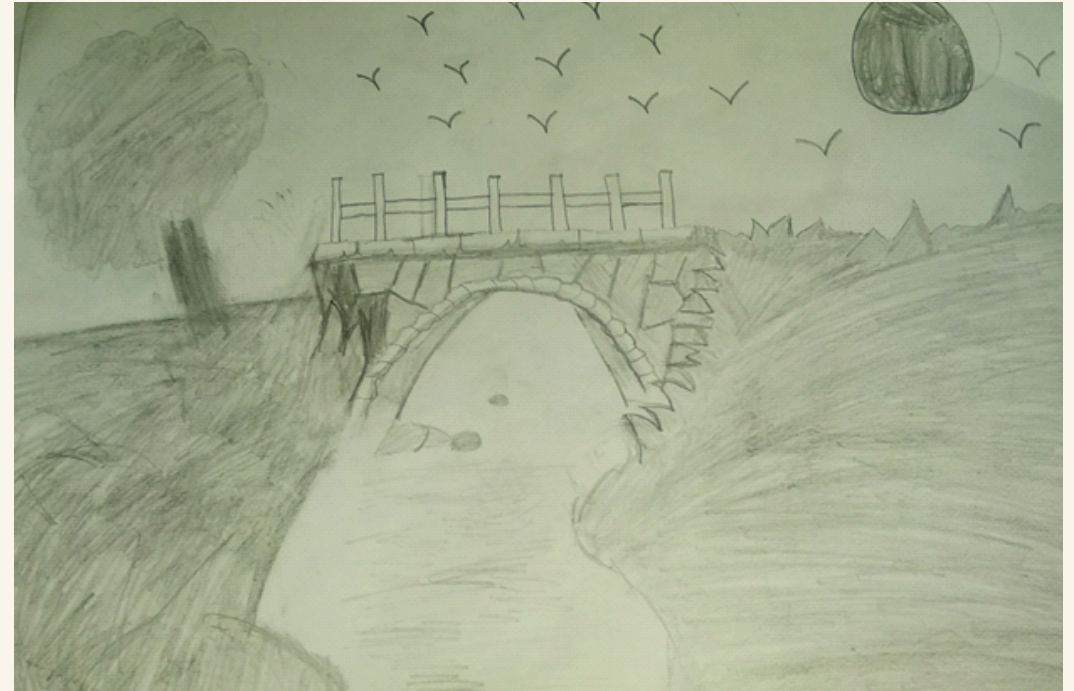




# Artistic Expressions...

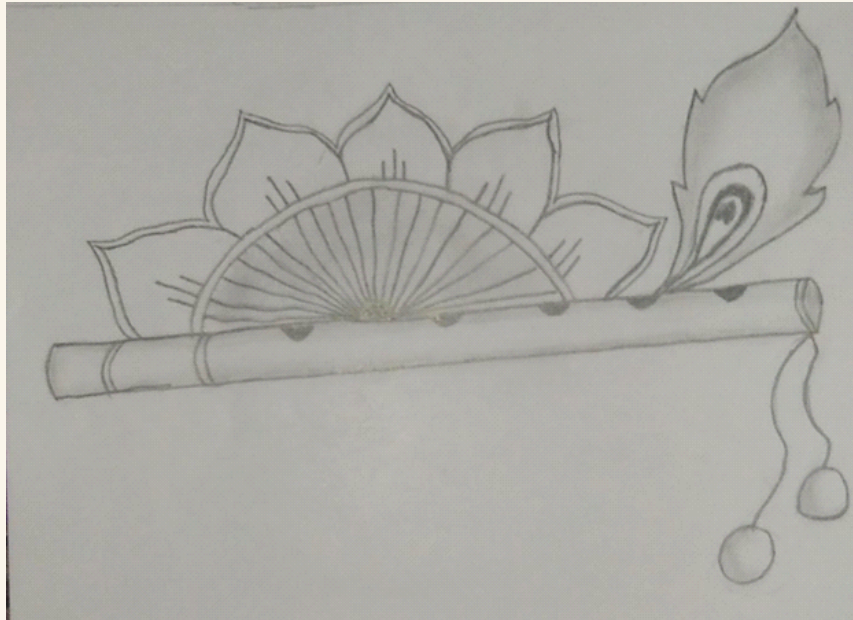


**BHAVYA PRAGATHI**  
VI 'B'



**V.SALAI MAHAANMIYAN**  
VI 'C'

# Artistic Expressions...



KRITHIKA  
VI 'C'

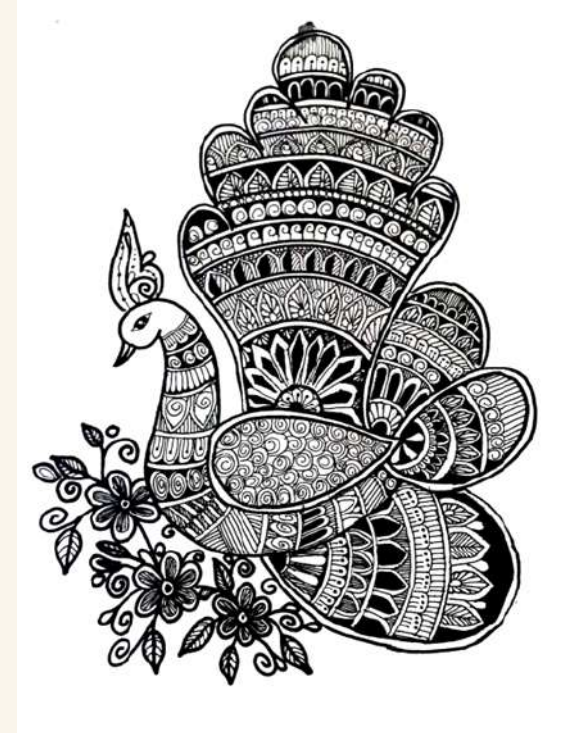
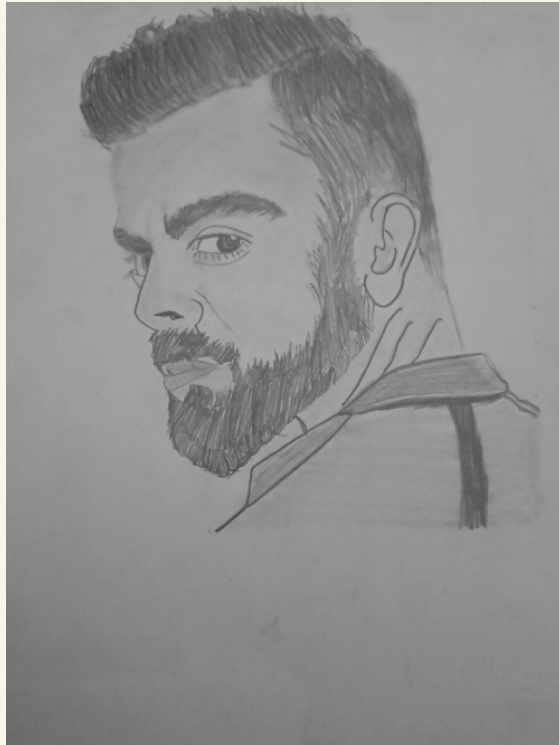


DHIYASHREE D  
VI 'D'



VISHNU PRASAD G  
VI 'D'

# Artistic Expressions...



VISHNU PRASAD G  
VI 'D'

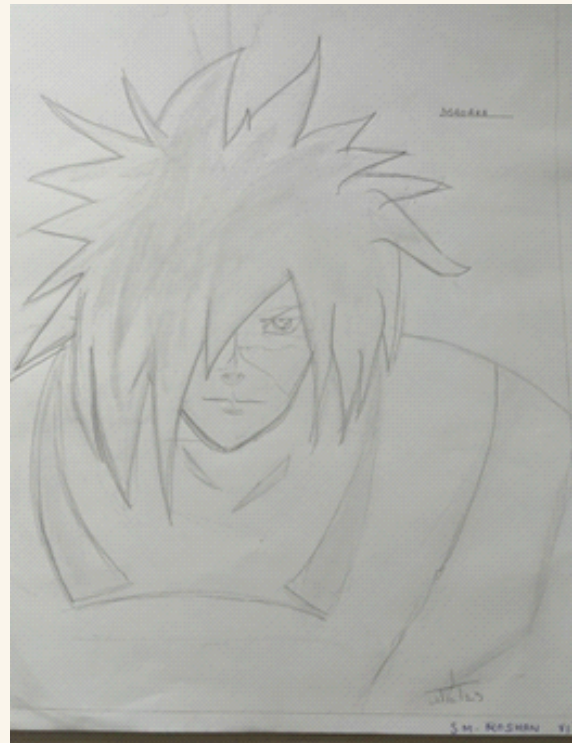
# Artistic Expressions...



ANIRUDH M  
VI 'D'



# Artistic Expressions...



**ROSHAN S M**  
**VI 'E'**

**AADHYANTH S**  
**VI 'E'**



# Artistic Expressions...



**NIRANCHAN .B**  
VI 'F'



**BHAVANAPUSHPA .S**  
VI 'F'

## GLOBAL EDUCATIONAL FAIR 2023



The Global Education Fair, organised by the SRM Public School on December 09, 2023, turned out to be a grand success. The inaugural ceremony began with the welcome address delivered by the Principal, Mrs Bhuvaneshwari S, followed by a special address by the Advisor Of the school, Dr K R Maalathi. The two keynote speakers for the day were Mr K Ramachandran from 361 Degree Minds, Chennai and Mr Priyanand P, Asst Professor, Career Development Centre SRMIST, spoke about the various competency skills that the children need to build. Universities including those from international and national stature put up their stalls at the fair. Students and Parents Of grades 9-12 visited the stalls and interacted with the university representatives.

# Events & Celebrations...

## KG FIELD TRIP TO VANDALUR ZOO



Field trips are a great way to reinforce lessons children have learnt in the class. Reading and listening about concepts is one thing, but having the opportunity to explore and experience them is totally different. Our Happy Tots visited Vandalur Zoo to experience the world of amazing animals and birds in their natural habitat. Children were fascinated and astonished to see Lion. White tiger, Bengal tiger, rhinoceros, hippopotamus, giraffe, leopard, chimpanzee family, elephants, deer, peacock, langur, ostrich, emu e.t.c. It was an enriching and wonderful experience.

## MAHAKAVI BHARATHIYAR B'DAY & BHARATHIYA BHASHA CELEBRATION



நமது பள்ளியில் பாரதியார் பிறந்த நாள் விழா சிறப்பாக கொண்டாடப்பட்டது. இவ்விழாவில் ஏழாம் வகுப்பு முதல் ஒன்பதாம் வகுப்பு வரை உள்ள மாணவர்கள் கலந்து கொண்டனர். பாரதியாரைப் பற்றிய சிறப்புரை, பாடல், நடனம், நாடகம், உரையாடல், கவிதை ஆகிய பல்வேறு நிகழ்ச்சிகளில் மாணவர்கள் அதற்கான வேடம் அணிந்து சிறப்பாக கலந்து கொண்டனர். இவ்விழாவானது மாணவர்களுக்கு புதிய நற்சிந்தனைகளைத் தூண்டும் விதமாகவும் மிகவும் பயனுள்ளதாகவும் இருந்தது.



## CHRISTMAS CELEBRATION



## CHRISTMAS CARNIVAL



We at SRMPS celebrated Christmas on December 22nd 2023. Students of grade 9 and 11 hosted the celebration .It was a joyous and amusing programme for everyone. The songs sung by school choir stole the show on the day .Our students of grade 6 to 9 actively participated in the Christmas carnival. Our Correspondent, Principal and other staff members enjoyed the carnival and appreciated the skills of the participants.

## SCIENCE EXHIBITION FOR GRADES IV TO IX AND XI



The science department organized a project expo where students from grade 4 to grade 9 showcased their creative projects on December 18th 2023. Over 300 exhibits were presented by the students. The evident display of hard work and dedication from all the students collectively showcased their various accomplishments. The children exhibited a remarkable level of enthusiasm and confidence in their performances. Notably, our exceptional students of higher classes, conducted impressive experiments such as utilizing biometric methods to check blood glucose levels, explaining Raniket disease with real samples, showcasing robots and rovers, security system for home using laser. Middle school students showcased an array of informative exhibits, including an irrigation system designed to assist farmers, an ecosystem model, a tesla coil, and a model demonstrating the effects of acid rain. Primary students have demonstrated the green revolution which is a remarkable achievement of L. Jayaraman, M.S Swaminathan, and Nammazhvar. Additionally, they have highlighted the importance of organic farming, soil conservation, forest layers, microgreens, food preservation techniques, and the health benefits of traditional food. These practices are essential for the well-being of the current generation.

## STATE LEVEL MARTIAL ARTS CHAMPIONSHIP 2023



Preyakshna Mitra of UKG had participated in 4th State Level Martial Arts Championship held on 04.12.2023 and she secured first place in Mini Sub Junior category in that event. Heartiest Congratulations!

## TAMILNADU STATE LEVEL KARATE CHAMPIONSHIP 2023



Heartiest congratulations to Miss Kaviyazhini for securing 2nd place in the event of "2nd Tamilnadu state level Karate Championship 2023" organised by K.S. R. Chengai All Sports Training Academy.

# **Admissions open for the Academic Session 2024-25 (CBSE REGULAR STREAM & NIOS)**

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