

249

# Cherries

The Official Newsletter of Billabong High International School - Kelambakkam  
CBSE Affiliation No.1931190

**AUGUST 11, 2024 - EDITION 249**



**CHERRIES - EDITION 249**



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# #1

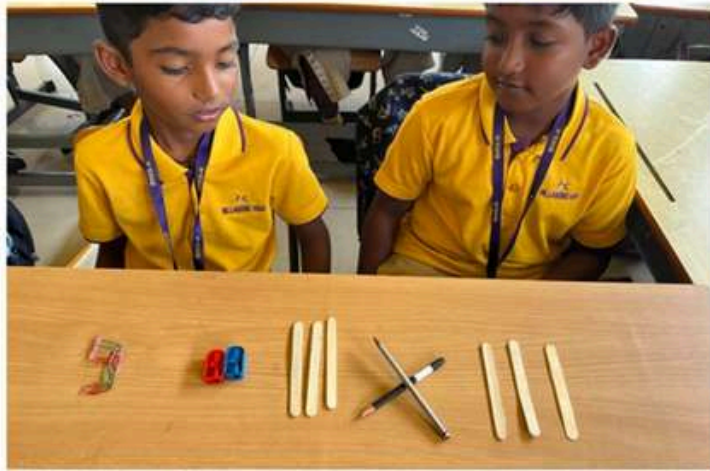
## Distributive Property

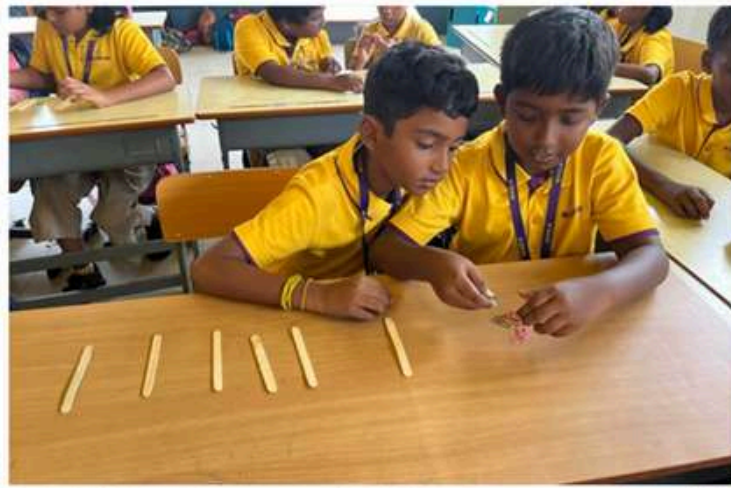
Ms. Abinaya. K, Grade 3 Math Educator



An effective way to introduce the distributive property is through a hands-on activity using simple materials. Begin by creating a visual model that illustrates a multiplication problem. By using these materials, students can better grasp the distributive property as they see how multiplication can be broken down into smaller, more manageable parts. This hands-on approach allows students to internalize the concept, making it easier to understand and apply in various mathematical contexts.







# #2

## UNEARTHING KNOWLEDGE: A ROCK-HUNTING ADVENTURE

Ms. Anam Agha Yasin, Primary School Coordinator

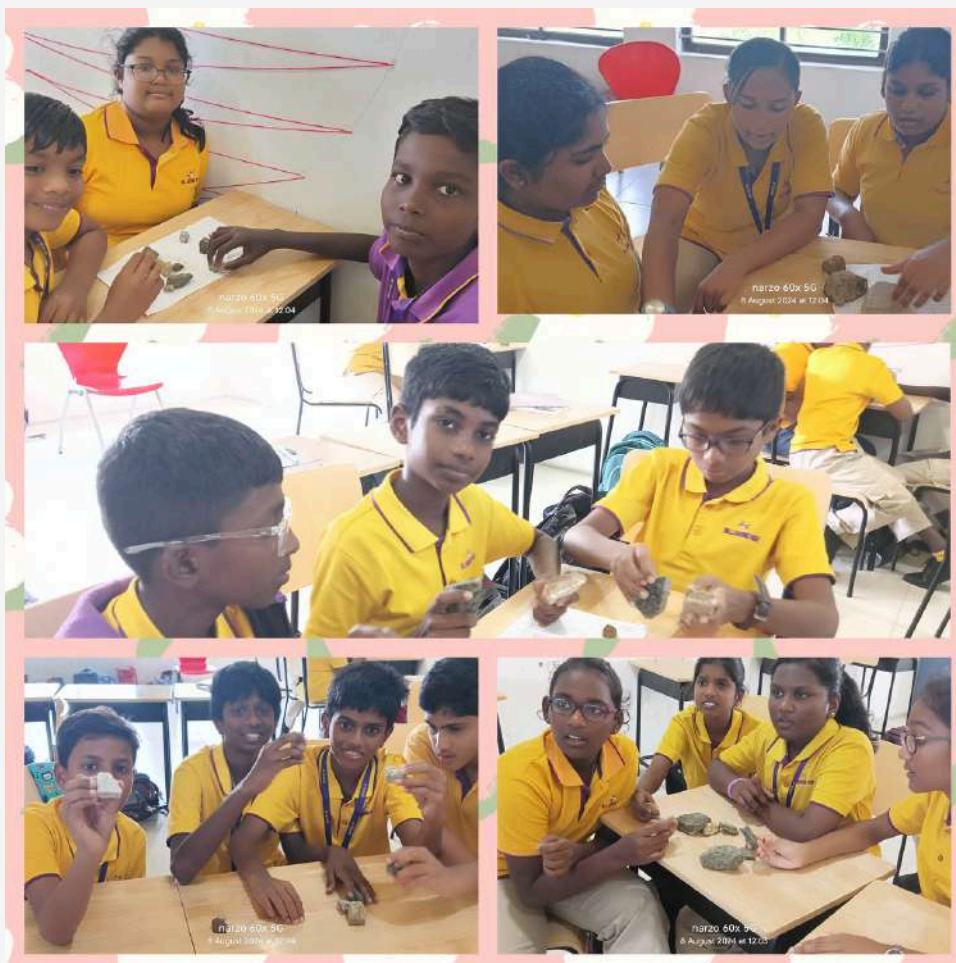


In the spirit of hands-on learning, Grade 7 students embarked on an exciting scavenger hunt to explore the world of rocks beyond the classroom. As part of their study on the Earth's structure, they delved into the fascinating process of rock formation by searching for real-life examples around their school.

Divided into groups, the students scoured the grounds, eagerly collecting various stones that caught their interest. This activity not only fostered teamwork but also encouraged the young explorers to connect classroom concepts with tangible experiences. Once back in class, they carefully examined their collections, sorting the rocks into the three main types: igneous, sedimentary, and metamorphic.

The learning didn't stop at categorization. The students went a step further by analyzing their finds and reasoning why each stone fit into its specific category.

This rock scavenger hunt was more than just an educational exercise; it was a journey that brought the study of Earth's structure to life, leaving students with a lasting appreciation for the rocks beneath their feet.





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8 August 2024 at 11:29



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8 August 2024 at 11:47



narzo 60x 5G  
8 August 2024 at 11:47



narzo 60x 5G  
8 August 2024 at 11:48

# #3

## THREESY DOES IT

Ms. Sarala B, Nursery Educator



Math is so much fun! Our little ones are learning about numbers through play-based methods. This time, they focused on the number 3. They were excited to use paint and cotton buds to create prints of the number 3. The activity was both enjoyable and educational, as the children learned how to form the number 3 in a creative way.





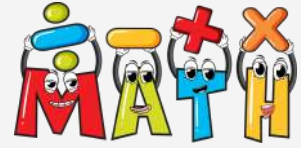




#5

## MATH CLUB ACTIVITY - KG

Ms Sarala B, Nursery Educator & Club Head



In kindergarten, math becomes an exciting adventure of discovery and play! We believe that learning numbers and basic mathematical concepts should be fun and interactive. Through a variety of hands-on activities, children explore math in ways that ignite their imaginations and build a strong foundation for future learning. From playful games and creative crafts to engaging stories and interactive exercises, our math activities are designed to make numbers come alive and foster a love for learning. By integrating math into everyday play, we help our young learners develop essential skills while having a blast!

### Nursery

Our Nursery kids embarked on a fun adventure by searching for numbers hidden in water, combining sensory play with number recognition.

### Junior KG

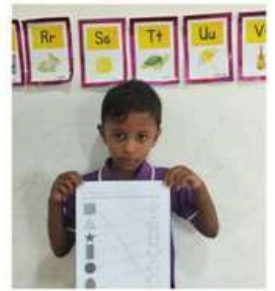
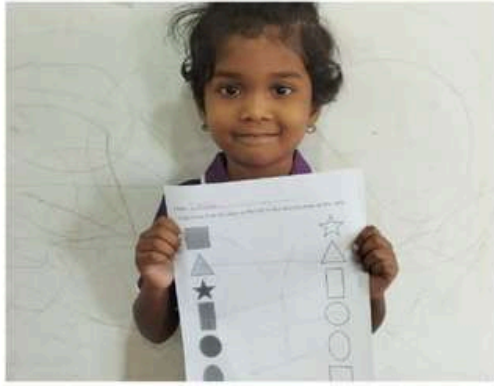
Our Junior KG kids matched various shapes, reinforcing their understanding of basic geometry.

### Senior KG

Our Senior KG kids identified odd and even numbers using a color-coded worksheet.









# #6

## Learning from Artist – Henri Matisse

Ms Sivaranjani , Junior KG Educator



**Henri Émile Benoît Matisse** was a French visual artist. He was a draughtsman, printmaker, and sculptor.

Henri Matisse (1869-1954) was a French visual artist celebrated for his vibrant use of color and fluid, original draughtsmanship. Although he was a skilled draughtsman, printmaker, and sculptor, Matisse is primarily known as a painter. Along with Pablo Picasso, he is regarded as one of the key figures in shaping the revolutionary developments in visual arts during the early twentieth century, significantly impacting painting and sculpture. This week, our Art Immersive Curriculum empowers children to explore their creativity and express themselves through art. Inspired by Henri Matisse, our young artists are creating their own beautiful masterpieces. With imagination, observation, and confidence, they're unleashing their inner artists!





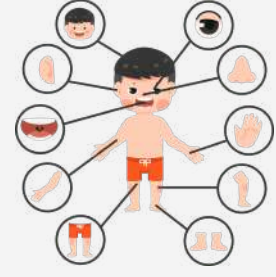




#7

## हिन्दी का ज्ञान - अंगों के नाम

Ms. Ankita Saha (Grade 3 Hindi Educator)



कक्षा तीन के छात्रों ने शरीर के अंगों के नाम हिन्दी भाषा में सीखें। शरीर के अंगों के नाम हिन्दी में सिखाने के दौरान एक रुचिकर गतिविधि कराई गई। बच्चों ने चित्र बनाकर शरीर के सारे अंगों के नाम लिखे। मानव शरीर आश्चर्यों से भरा है, हमारे शरीर के हर अंग का अपना नाम और कार्य होता है। इसलिए, बच्चों को उनके बारे में सीखना ज़रूरी है। शरीर के अंगों के बारे में सिखाने से बच्चों को अपनी शब्दावली बढ़ाने में मदद मिलती है और खुद को अभिव्यक्त करने की उनकी क्षमता में सुधार होता है। इस गतिविधि का उद्देश्य ना केवल बच्चों को शरीर के अंगों का नाम सीखना ही नहीं था बल्कि उनके हिन्दी भाषा के शब्द भंडार में वृद्धि करना भी था। अपने शरीर के अंगों की पहचान करने से उन्हें इसके बारे में संवाद करने के लिए भाषा मिलती है। इस गतिविधि को करते हुए बच्चों में काफी उत्साह देखा गया।



#8

## செயல்வழிக்கற்றல் முறை

ஆசிரியர்கள்: திருமதி. பரணி சித்ரா & திரு. முத்துக்குமார்



நான்காம் வகுப்பு மாணவர்கள் பாட புத்தகத்தில் உள்ள முளைப்பாரி பாடலைக் கற்ற பிறகு நவ தானியங்களை பற்றி தெரிந்து கொண்டார்கள். நவ தானியங்கள் என்னென்ன என்பதையும் அறிந்து கொண்டார்கள். மேலும் நவ தானியங்களின் பயன்கள் என்ன? நாம் நவ தானியங்களை ஏன் உணவில் சேர்த்துக் கொள்ள வேண்டும்? அதன் அவசியம் என்ன? என்பது பற்றியும் மாணவர்கள் ஆசிரியருடன் கலந்துரையாடினார்கள். மாணவர்கள் அனைவரும் சிறு குழுக்களாகப் பிரிந்து நவதானியங்களை வீட்டிலிருந்துக் கொண்டு வந்து நவ தானியங்களின் பெயரையும் அவற்றின் பயன்களையும் ஒவ்வொன்றாக விளக்கி கூறினர். மேலும் உடலை வலுவாக்கவும், ஆரோக்கியமாக வைத்துக்கொள்ளவும் உதவுவது நவதானியங்கள் என்பதையும் ஒவ்வொரு தானியத்திலும் ஒவ்வொரு விதமான சத்துக்கள் நிறைந்து இருக்கிறது என்பதையும் அறிந்து கொண்டனர். நலமாக வாழ தானிய உணவுகளை அவசியம் சேர்த்துக் கொள்ள வேண்டும் என்பதை இந்த செயல்பாட்டு திட்டம் வாயிலாக மாணவர்கள் கற்றுக் கொண்டனர்.









#9

# EXPLORING THE WONDERS OF SCIENCE AND NATURE - STEM ACTIVITIES CONDUCTED ON AUGUST 9TH.

Ms. Sneha, Club Head & Math Educator



On August 9th, students from Grades 1 to 8 engaged in a thrilling array of STEM activities designed to ignite their curiosity and deepen their understanding of scientific concepts. Each grade participated in hands-on experiments that bridged the gap between theory and real-life applications, enriching their learning experience.

## Grade 1: Ant Hill Adaptation

Our youngest explorers embarked on a nature walk around the school to observe various habitats. Using A4 sheets, glue, and sand, each student crafted their own ant hill, connecting with nature and learning how ants adapt to their environment by building shelters.

## Grade 2: Glass Piano (Sound)

Grade 2 students delved into the fascinating world of sound. By experimenting with glasses filled with different levels of water, they explored how varying amounts produced different pitches. This simple yet engaging activity introduced them to the principles of sound and vibrations, fostering an early appreciation for the physics of music.

## Grade 3: Paper Plane - Energy, Force, and Motion

Third graders took to the skies with their handmade paper planes. After following a video tutorial to craft their planes, they tested their creations on the playground. This activity introduced concepts like energy, force, and motion while incorporating measurements, making it a cross-disciplinary learning experience.

## Grade 4: Paper Plate Constellation

The night sky came alive for Grade 4 as students created their own constellations on paper plates. Using black paint, white paint, and silver glitter pens, they transformed simple materials into sparkling representations of the stars. This activity encouraged creativity while teaching students about astronomy and the significance of constellations.



### **Grade 5: Properties of Air**

Fifth graders were divided into teams to explore the properties of air through a series of activities. After watching a video, they performed tasks from Chapter 7 to identify and understand different properties of air. This group activity fostered collaboration and critical thinking, helping students connect theory with practice.

### **Grade 6: Physical or Chemical Change?**

Grade 6 students observed various activities to classify changes as physical or chemical. Using materials like wheat flour, dough, paper, and balloons, they explored real-life examples and illustrated their observations to reinforce their understanding. This activity not only clarified the differences between physical and chemical changes but also encouraged analytical thinking about everyday phenomena.

### **Grade 7: Acid or Base**

Grade 7 students turned their attention to household items, using litmus paper and turmeric paste to classify substances like vinegar, shampoo, baking soda, and toothpaste as acids or bases. This hands-on experiment made the abstract concept of pH more tangible, showing the relevance of chemistry in daily life.

### **Grade 8: Refraction of Light**

The oldest group of students explored the fascinating phenomenon of light refraction. Using transparent glasses, water, pencils, rulers, and other household items, they observed how light bends when it passes through different mediums. This activity not only solidified their understanding of refraction but also demonstrated how scientific principles can be observed with simple, everyday objects.

These STEM activities not only deepened students' understanding of scientific concepts but also encouraged creativity, collaboration, and critical thinking. By connecting classroom learning with hands-on experiences, we continue to foster a love for science and inquiry in our students.









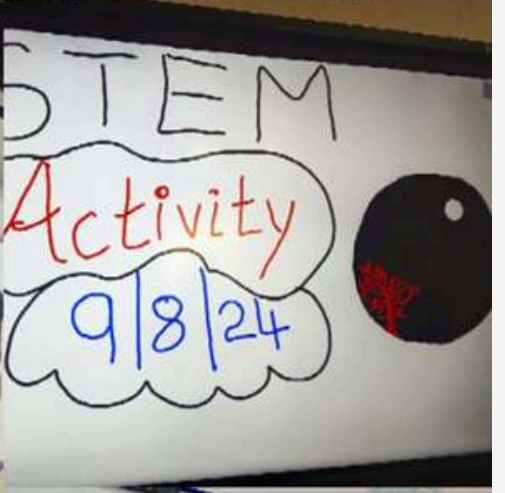


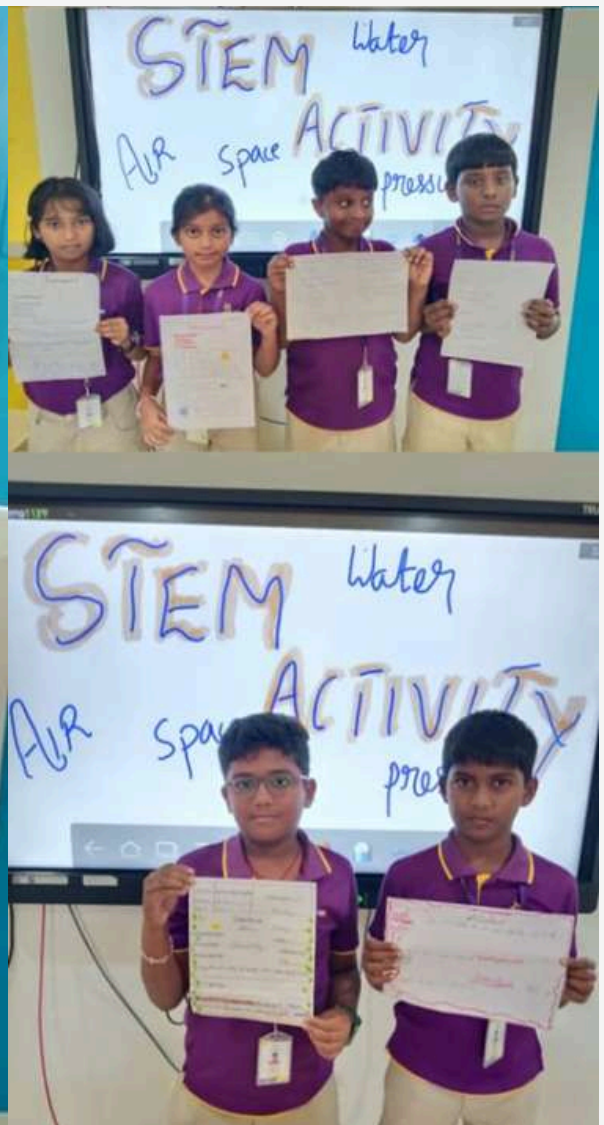




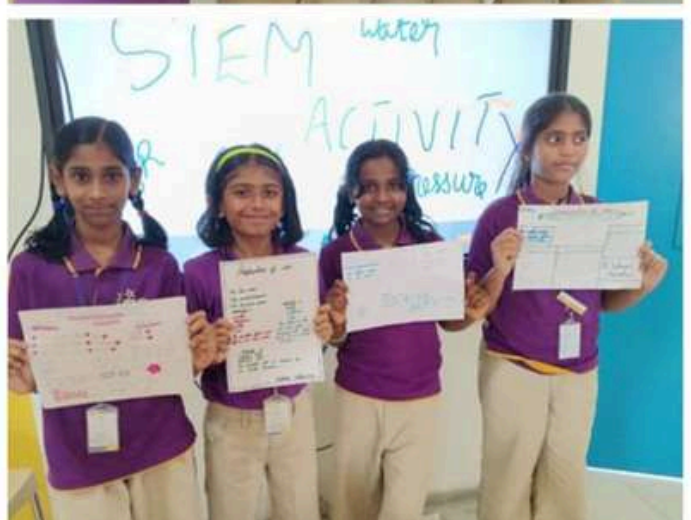
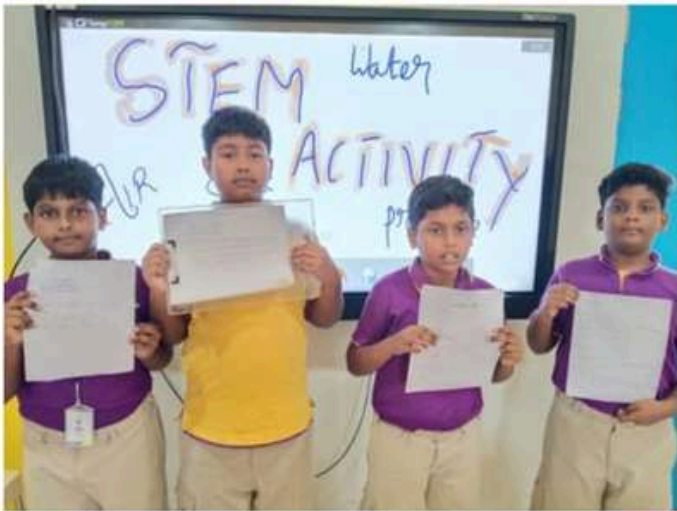
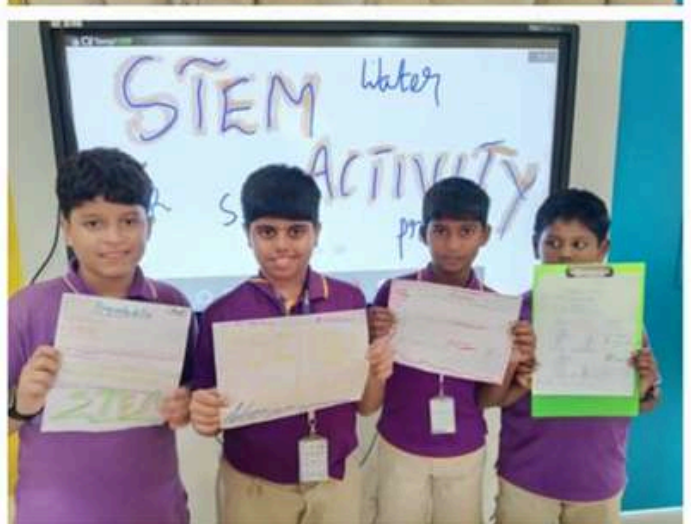
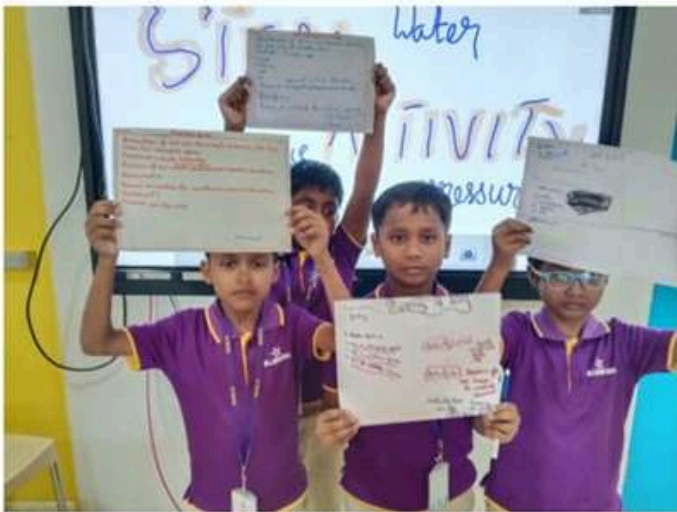
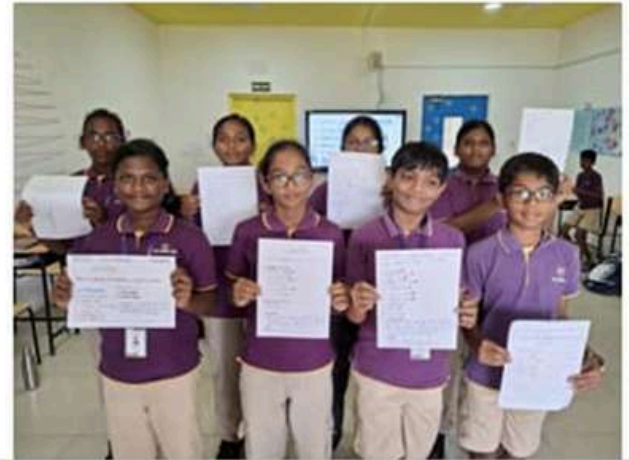


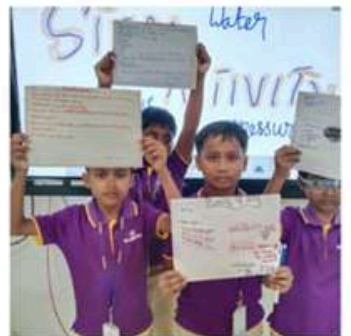
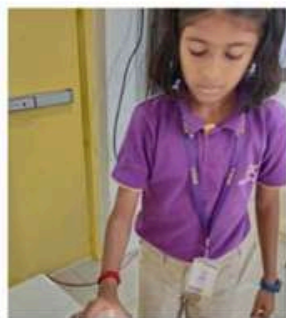
















#10

## Aero Craft using Paper and Earbuds

Ms Sivaranjani S, InCharge -SPA Art & Craft

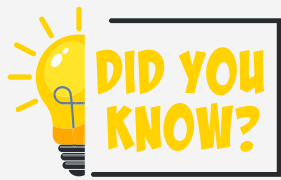


### Craft That Speaks for Itself

This week, our students explored the art of paper folding combined with earbud sticks to create their very own airplanes. After learning the technique, they tested their creations by sending them soaring through the air, observing how their designs took flight.

To preserve their creativity, the students glued the earbuds to the wall, transforming their flying machines into a striking display. We're proud to showcase the imaginative work of our art and craft students in this week's SPA session. Their creations truly speak for themselves!





# INTERESTING MATH FUN FACTS



## 1. INFINITE NUMBERS



There are infinitely many numbers, but between any two numbers, there are infinitely many more! For example, between 1 and 2, you can find 1.1, 1.01, 1.001, and so on.

## 2. MATH AND MUSIC



Math and music are closely related. Musical rhythms can be described using fractions, and patterns in music often follow mathematical sequences.

## 3. FIBONACCI SEQUENCE



The Fibonacci sequence is a series of numbers where each number is the sum of the two preceding ones (0, 1, 1, 2, 3, 5, 8, 13, ...). This sequence appears in nature, such as the arrangement of leaves or the spiral of shells.

## 4. MATHEMATICAL SHAPES



There are shapes with a unique number of sides, like the heptagon (7 sides) or the dodecagon (12 sides).

## 5. MAGIC SQUARES



Magic squares are grids where the numbers in each row, column, and diagonal add up to the same total. They've been studied for thousands of years and are found in cultures around the world.

### Trivia Question!

What is the smallest positive whole number that is both a multiple of 2 and a multiple of 3?

- A) 2
- B) 3
- C) 6
- D) 12

