

254

Cherries

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CHERRIES - EDITION 254



THIS EDITION



Highlights of the Edition



A Fun Garden Hunt
Page 2 & 3



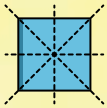
Artwork Inspired by Piet Mondrian
Page 4 , 5 & 6



Dynamic Diagonals in Action!
Page 7, 8, 9, 10 & 11



STEM Adventures
Page 12, 13, 14, 15, 16, 17, 18 & 19



Exploring Symmetry
Page 20 & 21



Building Creativity with Geometry
Page 22 & 23



A Celebration of Generations: Kindergarten's Grandparents' Day
Page 24, 25, 26, 27 & 28



Abbreviations in mathematics
Page 29

EDITORIAL BOARD



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#1

EXPLORING UNDERGROUND VEGETABLES: A FUN GARDEN HUNT

Led by Ms. Sarala Bakthavachalam, Nursery Educator



This month, our little ones had an exciting opportunity to explore and learn about underground vegetables—those that grow beneath the soil, developing their nutritious roots. Popular examples include carrots, potatoes, and beets. To bring this lesson to life, we embarked on a fun garden hunt!

Armed with curiosity and a list of vegetables to find, the kids eagerly explored the garden, uncovering hidden treasures beneath the soil. As they dug into the earth, they excitedly discovered vibrant carrots, plump potatoes, and more. This hands-on activity not only introduced them to underground vegetables but also gave them a deeper understanding of where their food comes from.

The experience was filled with wonder as they identified the vegetables and learned about their growth process. Through this engaging garden adventure, the kids sharpened their observation skills and gained an appreciation for healthy, natural foods. It was a day of learning, discovery, and connecting with nature—an adventure they won't soon forget!





#2

ARTWORK INSPIRED BY PIET MONDRIAN

Led by Ms. Sivaranjani, Junior KG Educator



Art truly nourishes the soul!

This week, our Junior KG students were introduced to the world of Piet Mondrian, one of the most celebrated artists of the 20th century. Mondrian, a Dutch painter and pioneer of abstract art, is renowned for his use of simple geometric shapes and bold primary colors. His work serves as a perfect introduction to the power of creativity and abstraction.

Through our Art Immersive Curriculum, the children explored Mondrian's unique style, drawing inspiration from his iconic grid patterns and vibrant color blocks. With imagination and enthusiasm, they crafted their own beautiful masterpieces, expressing themselves through art in a way that ignited both their creativity and confidence.

It's always a joy to see our little artists embrace the world of the Masters, and we are so proud of their wonderful creations!







#3

Dynamic Diagonals in Action!

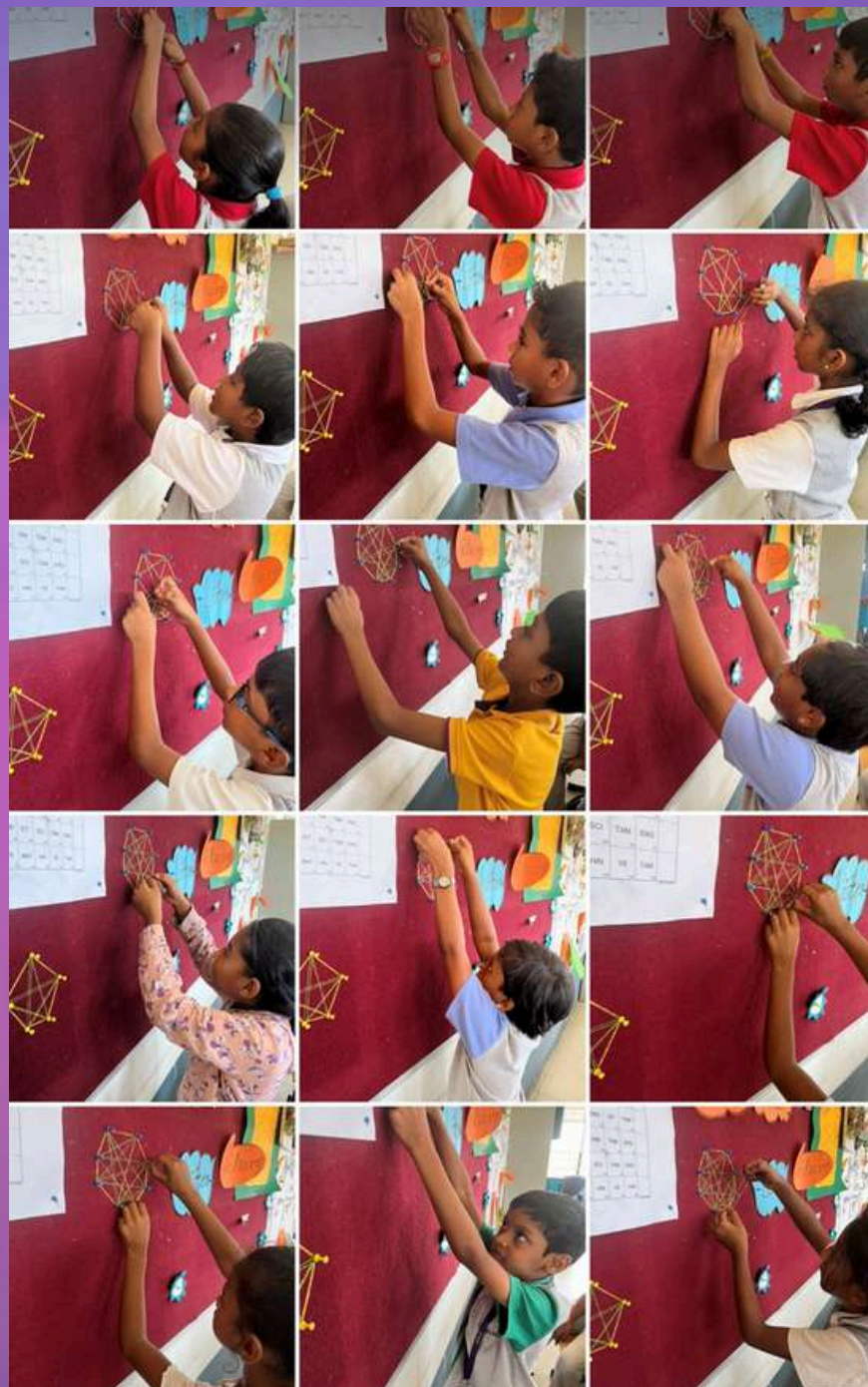
Led by Ms. Abinaya – Grade 3 Math Educator

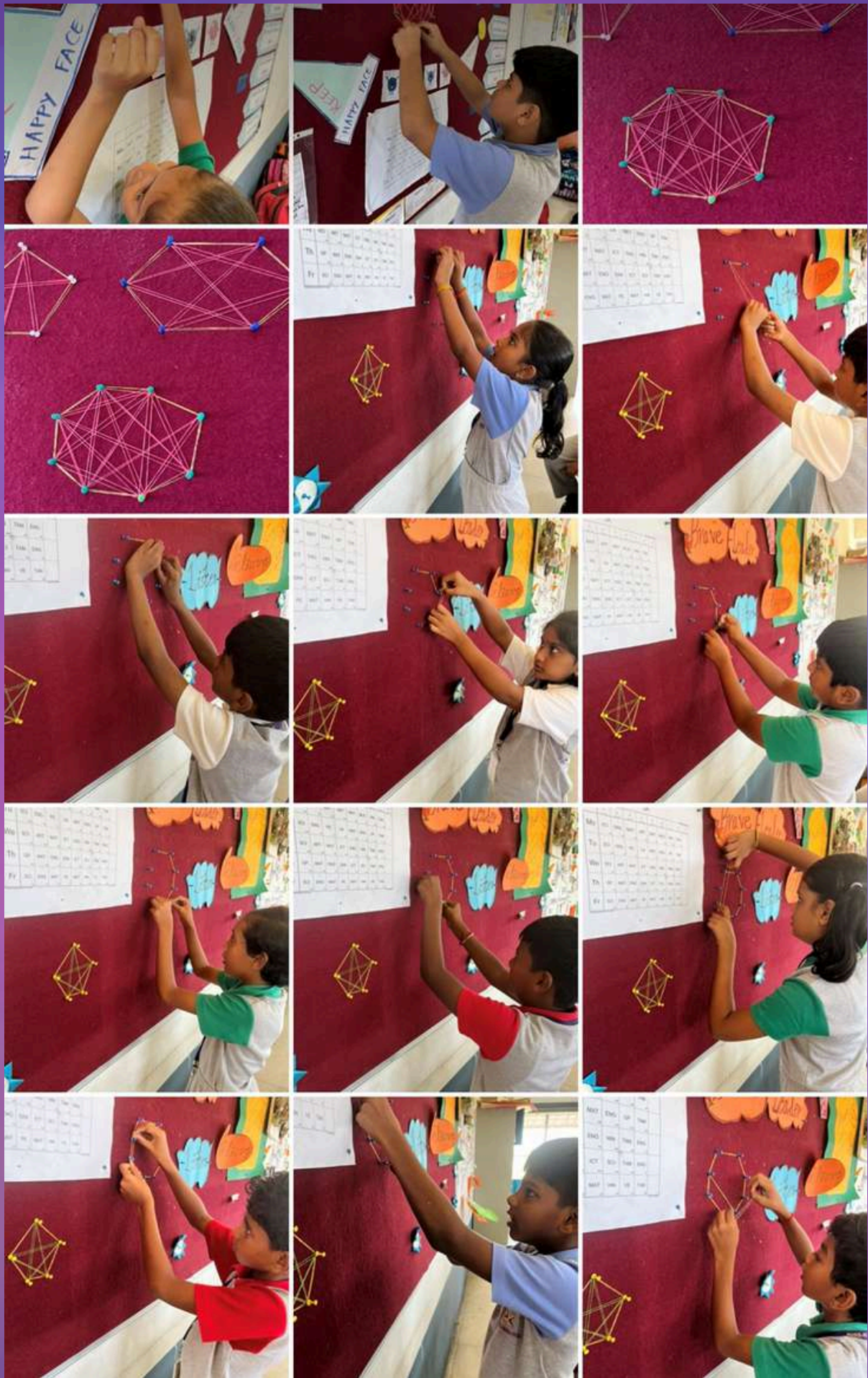


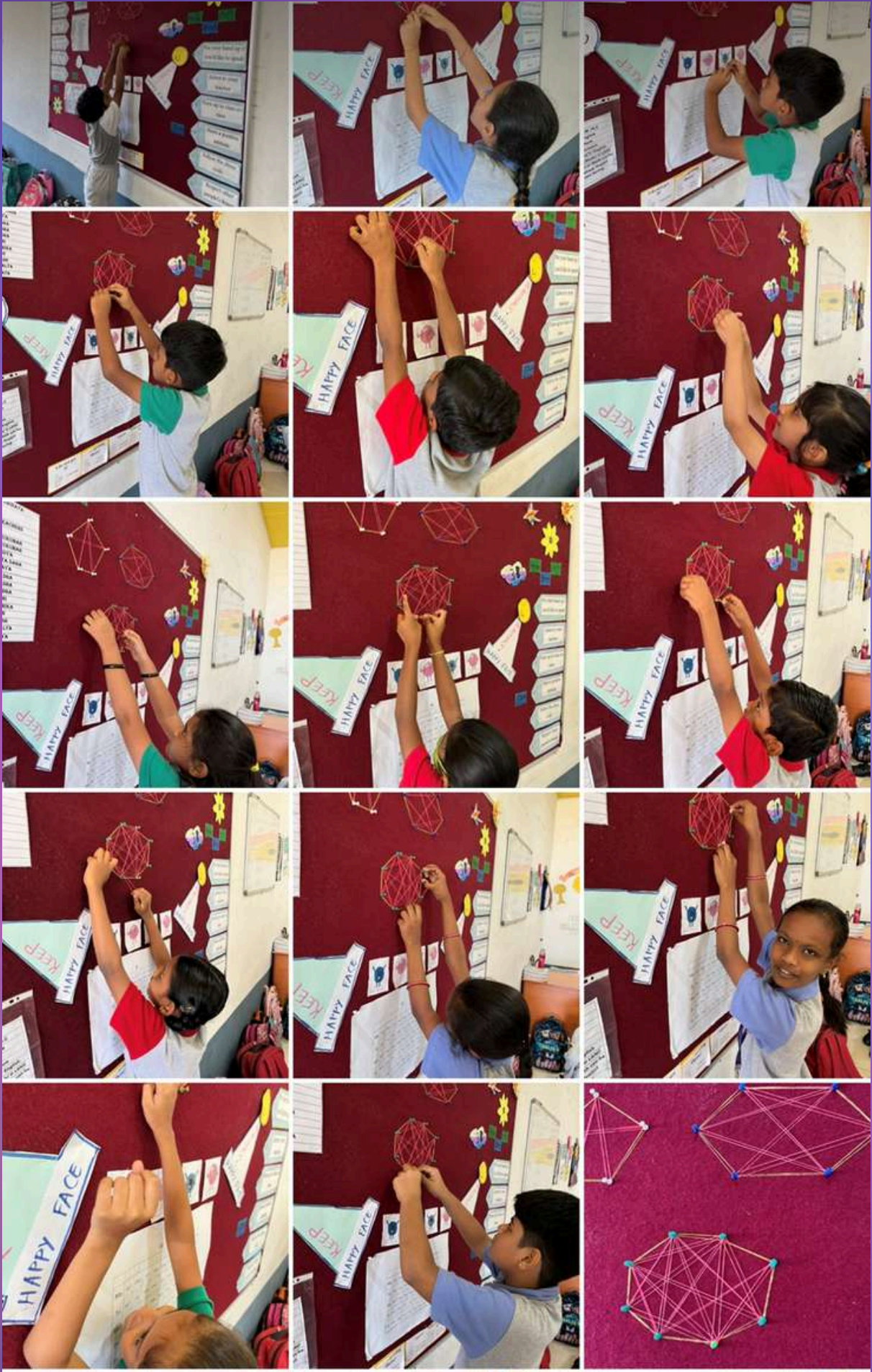
Learning about 2D shapes just got more exciting! Our Grade 3 students recently took part in a hands-on activity using board pins and rubber bands to explore the fascinating world of diagonals in polygons.

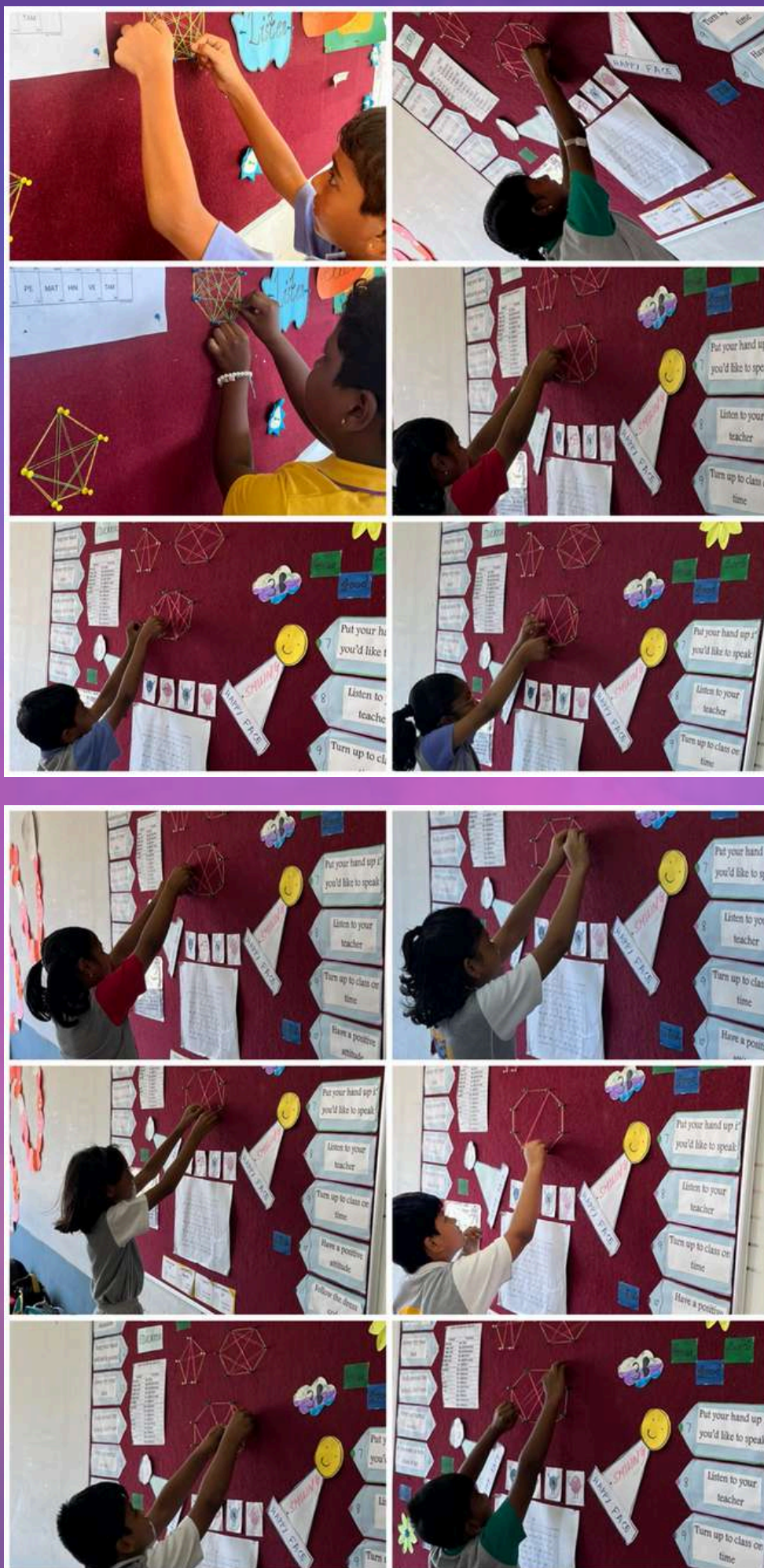
In this interactive lesson, students arranged board pins to create polygons like pentagons, hexagons, and octagons. By stretching rubber bands between the pins, they formed the sides of the shapes. But the real fun began when they identified and connected non-adjacent pins to reveal the diagonals within each polygon!

This engaging exercise helped students visualize diagonals, compare how they differ across various shapes, and deepen their understanding of geometry—all while having fun. It was an exciting way to make learning come alive through creativity and exploration!











#4

STEM ADVENTURES: HANDS-ON MATHEMATICAL EXPLORATION FOR GRADES 1 TO 8

Led by Ms. Sneha, Club Head & Math Educator



On September 13th, our students from Grades 1 to 8 engaged in an exciting day of STEM activities, immersing themselves in hands-on experiments that connected math theory to real-life applications. Here's a look at what they explored:

Grade 1 - Number Line Hop

Students practiced addition and subtraction by hopping along a number line, visualizing these operations in a fun and active way. Mental math skills were reinforced as they leaped forward for addition or backward for subtraction.

Grade 2 - Number Line Jumps

Grade 2 took multiplication to new heights by jumping forward on the number line by multiples. They visualized multiplication as repeated addition, making complex concepts easier to grasp through movement and play.

Grade 3 - 3D Cube Construction

Using toothpicks and clay, our Grade 3 students built 3D cubes, enhancing their understanding of geometric concepts like edges, vertices, and faces. Constructing these cubes helped them bring abstract geometry to life!

Grades 4 & 5 - Shape Hunters: Exploring Perimeter & Area

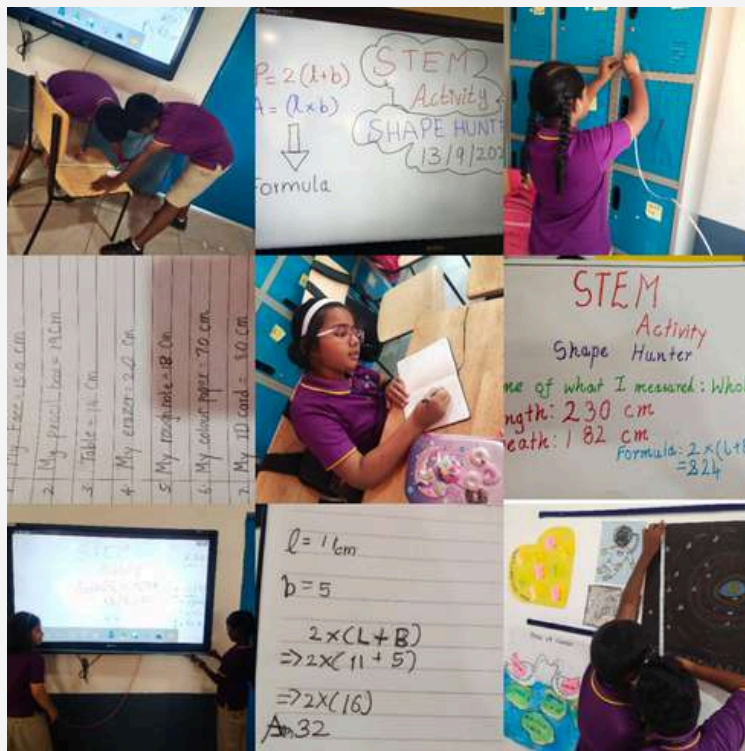
Armed with rulers and measuring tapes, students measured and compared the perimeter and area of objects around the classroom. This hands-on activity made math practical and engaging, helping students discover the importance of dimensions in everyday objects.

Grades 6 to 8 - Coordinate Geometry Art

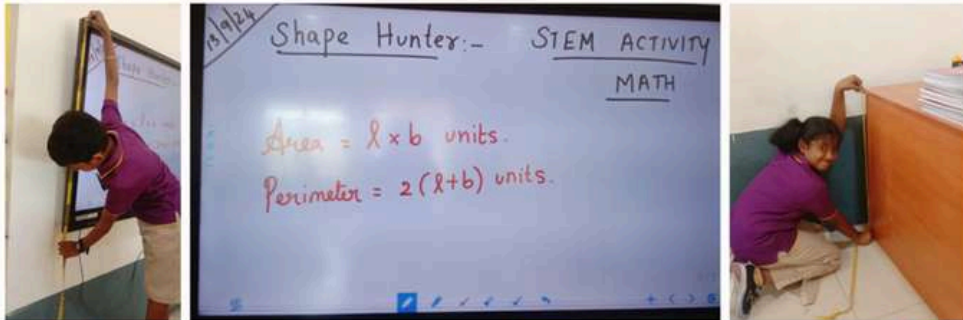
Older students applied coordinate geometry to create artistic designs, plotting points on graph paper to form images of rabbits, kangaroos, and fox faces. This activity reinforced their skills in graphing while adding a creative twist to learning math.

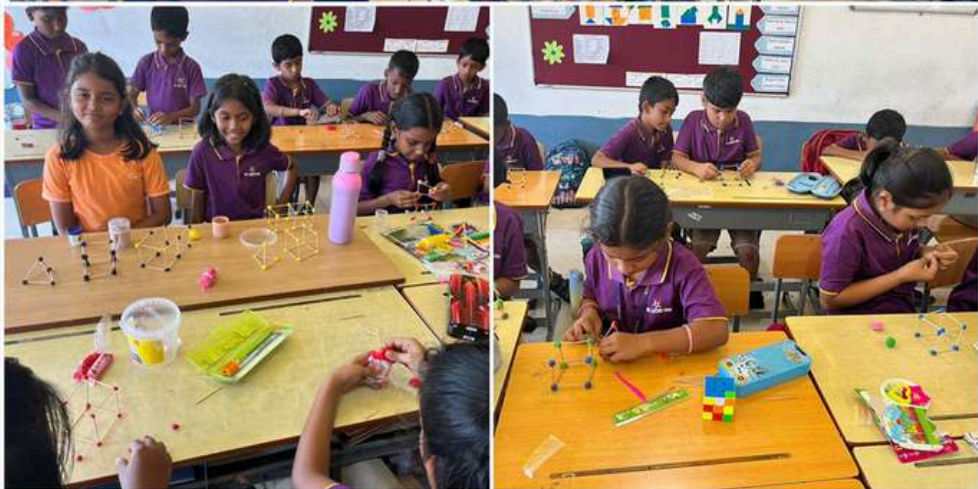
Our STEM day was a perfect blend of fun and learning, leaving students eager for more mathematical adventures!



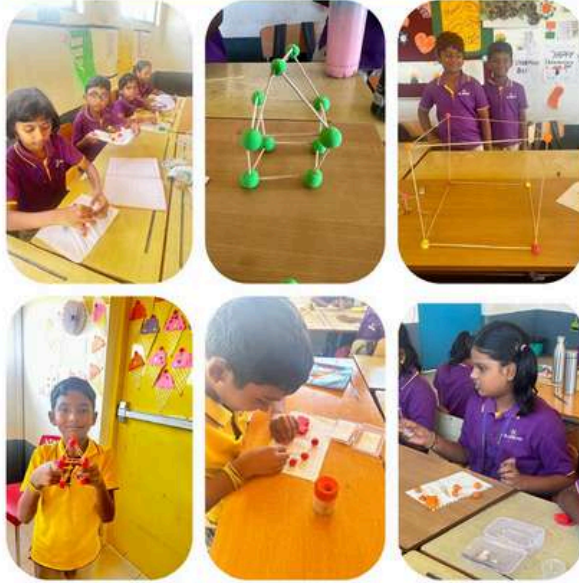








STEM ACTIVITY

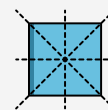




#5

EXPLORING SYMMETRY: A HANDS-ON SUBJECT ENRICHMENT ACTIVITY FOR GRADE 7

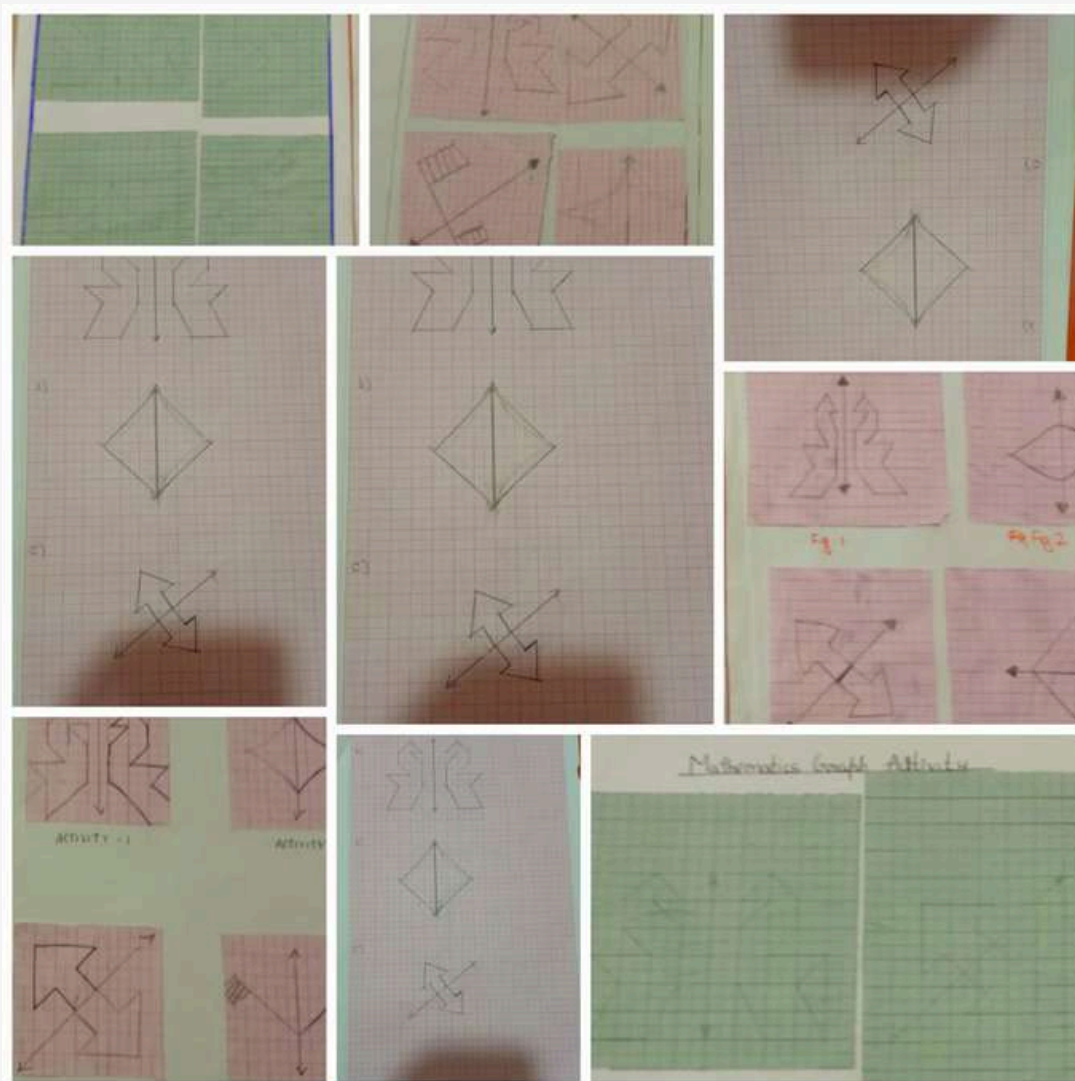
Led by Ms. Sneha, Math Educator



Our Grade 7 students recently dove into an exciting Subject Enrichment Activity (SEA) as part of their lesson on "Symmetry." Using graph paper and their textbooks, they traced various shapes and worked through reflection exercises to identify lines of symmetry.

With dotted lines marking the way, students discovered vertical, horizontal, and diagonal lines of symmetry, making this abstract concept more concrete. The hands-on approach not only strengthened their understanding but also sparked creativity and precision as they mirrored and reflected the figures.

By the end of the session, the students had a clear understanding of different types of symmetry and how objects can be divided into two identical halves. This enriching activity made learning about symmetry engaging and left a lasting impression on them. Symmetry truly is all around us!





#6

SHAPE YOUR HOUSE: BUILDING CREATIVITY WITH GEOMETRY

Led by Ms. Abinaya ,G3 Math Educator

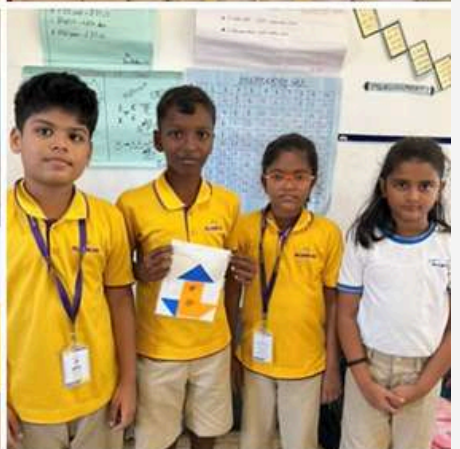


Guided by Ms. Abinaya, our Grade 3 Math educator, students embarked on an exciting hands-on activity, "Shape Your House." This project introduced them to the concept of compound shapes by constructing a house using a variety of geometric forms.

By combining rectangles for the walls, triangles for the roof, and squares and circles for windows, students explored how basic shapes come together to create complex structures. As they cut, assembled, and personalized their house designs, they not only strengthened their understanding of geometry but also tapped into their creativity.

This engaging activity demonstrated how geometry shapes the world around us, from everyday objects to the buildings we live in, sparking curiosity and enhancing learning in a fun, interactive way.







A Celebration of Generations: Kindergarten's Grandparents' Day

Ms Devi, KG Teacher-in-Charge



12th September 2024 marked a truly special day as we celebrated Grandparents' Day at our kindergarten, with the heartwarming theme, "Retro Stars." This event beautifully brought together the wisdom of one generation and the playful energy of the next, creating an afternoon filled with love, music, and shared memories.

Our kindergarteners stole the show with their delightful performances, singing and dancing to timeless retro hits. Their lively energy and innocence lit up the stage, while the smiles and laughter of their grandparents made the celebration all the more memorable.

A special moment of the day was the grand ramp walk, where grandparents and grandchildren walked hand-in-hand, showcasing the perfect blend of tradition and modernity. The bond between the two generations shone brightly, leaving an indelible mark on everyone present.

We were privileged to have Mr. Raghu Raman, proud grandfather of Kiara Rudra from Grade 1, as our esteemed Guest of Honour. His inspiring words about the vital role grandparents play in shaping young lives resonated deeply with all.

A heartfelt thanks to our Principal, Seema Ma'am, Director, Asma Ma'am, our dedicated coordinators, and the entire team of teachers for their invaluable support in making this day truly unforgettable.

Grandparents' Day 2024 will forever be cherished as a celebration of love, joy, and the beautiful bond between generations.

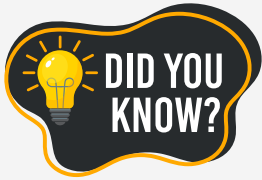












ABBREVIATIONS IN MATHEMATICS



Common Abbreviations

- Alg – Algebra
- Geom – Geometry
- Calc – Calculus
- Trig – Trigonometry
- Set Th – Set Theory
- LHS – Left-Hand Side
- RHS – Right-Hand Side
- GCF – Greatest Common Factor
- LCM – Least Common Multiple
- N/A – Not Applicable

Mathematical Symbols as Abbreviations

- Σ – Summation
- Π – Product
- $\sqrt{\quad}$ – Square Root
- \in – Element of
- \subseteq – Subset of
- \forall – For all
- \exists – There exists
- \rightarrow – Implies
- \equiv – Congruent to
- \neq – Not equal to

Other Abbreviations

- BMI – Body Mass Index
- PDF – Probability Density Function
- CDF – Cumulative Distribution Function
- SD – Standard Deviation
- E – Expected Value