



MATH NEWSLETTER

ACADEMIC YEAR
2023-2024
Term 2



THE MATH FAMILY



Ms Saeda



Mr Moosa



Ms Khawla



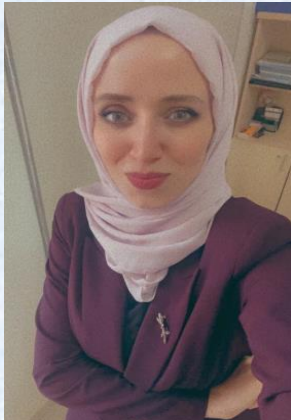
Ms Naseeha



Mr Ragab



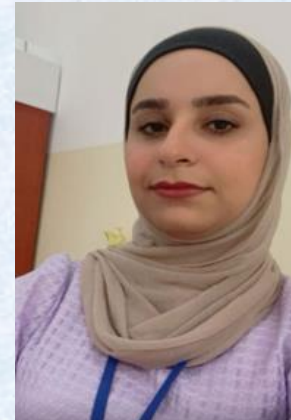
Ms Marilyn



Ms Kinanah



Ms Saji

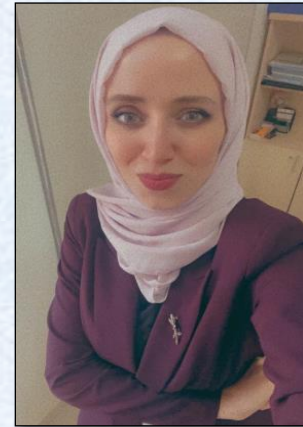


Ms Rama



Mr Abdulrahman

HEAD OF DEPARTMENT PHILOSOPHY



As the Head of the Mathematics Department, I believe in fostering a learning environment that inspires curiosity, critical thinking, and a deep appreciation for the beauty of mathematics. My philosophy revolves around creating a supportive space where students are empowered to explore mathematical concepts, make connections, and apply their knowledge to real-world situations. I am committed to promoting a growth mindset, embracing diverse learning styles, and utilizing innovative teaching strategies to ensure that every student develops a strong foundation in mathematics. Collaboration, continuous professional development, and a student-centered approach are at the core of my philosophy, as I strive to cultivate a community of lifelong learners who are confident, analytical, and enthusiastic about mathematics.

MATH MOMENTS

MATH MARKET

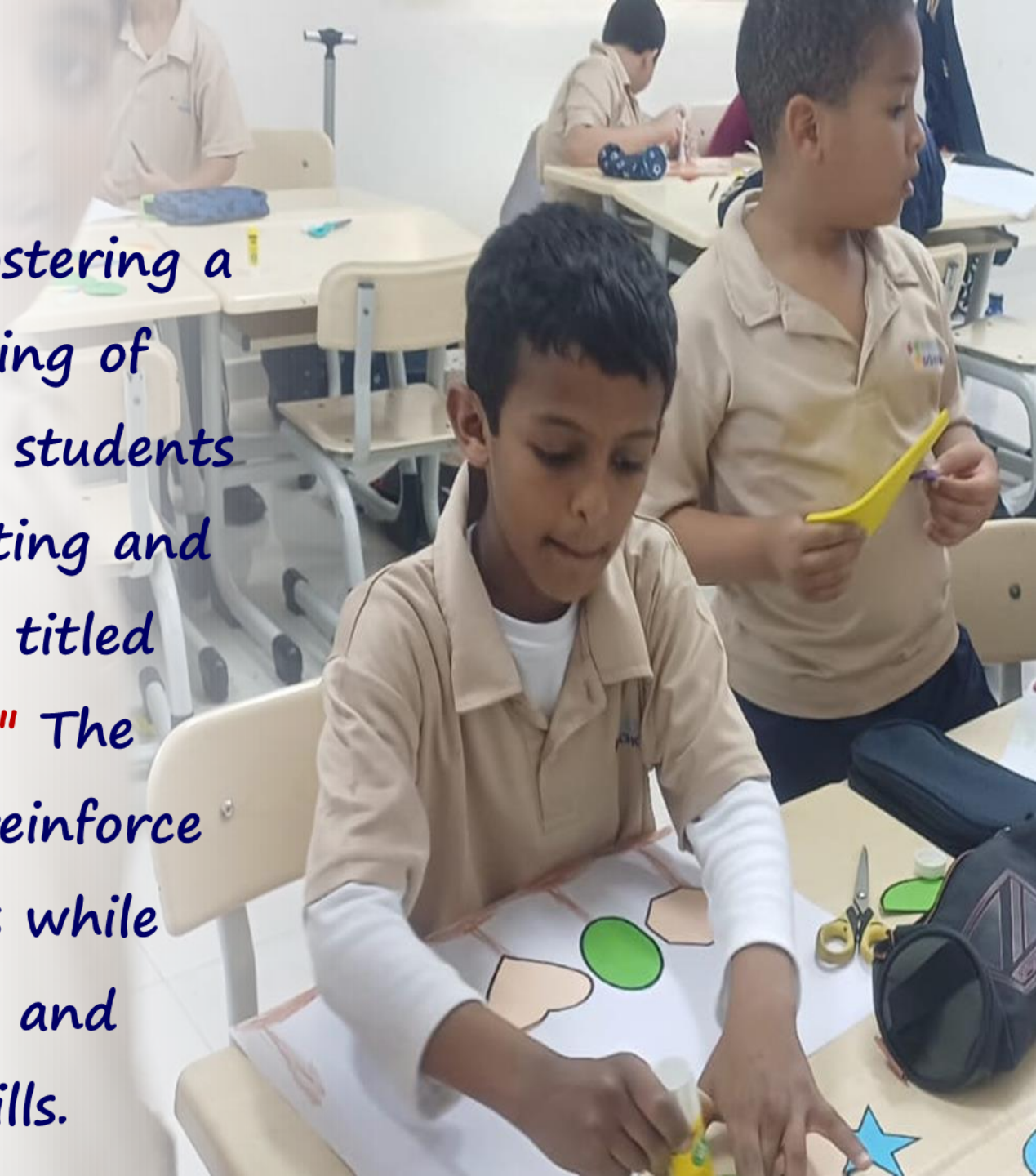
The Mathematics Department at United School organized a special event called "**Math Market**" on Monday, January 29th, 2024. The event aimed to engage students from third to seventh grade (boys) in activities related to mental arithmetic, buying, and selling. Moreover, the proceeds generated from the event were designated to support the humanitarian efforts of the **Emirates Red Crescent Authority**, adding a philanthropic dimension to the educational activities.

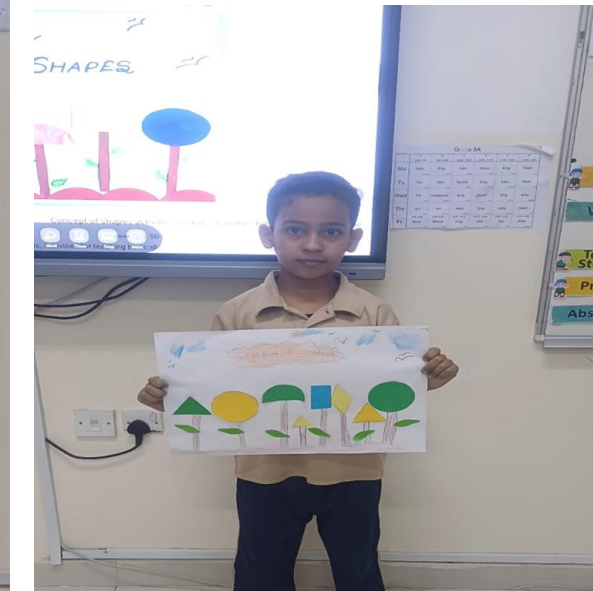
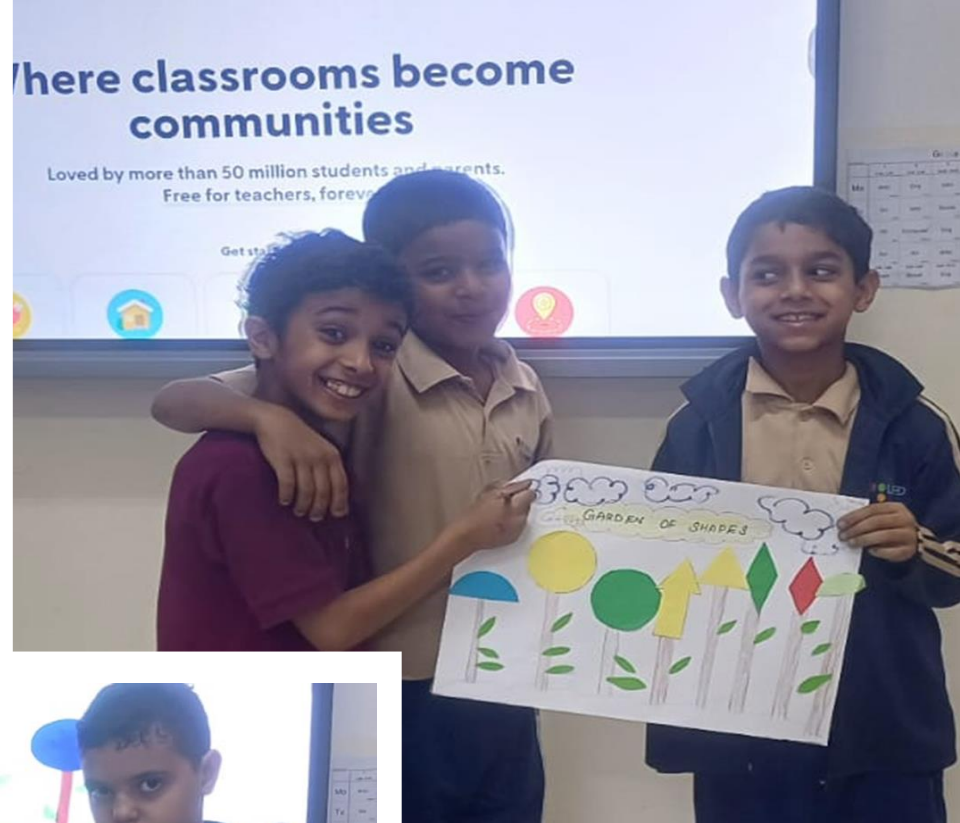




MATH PROJECT

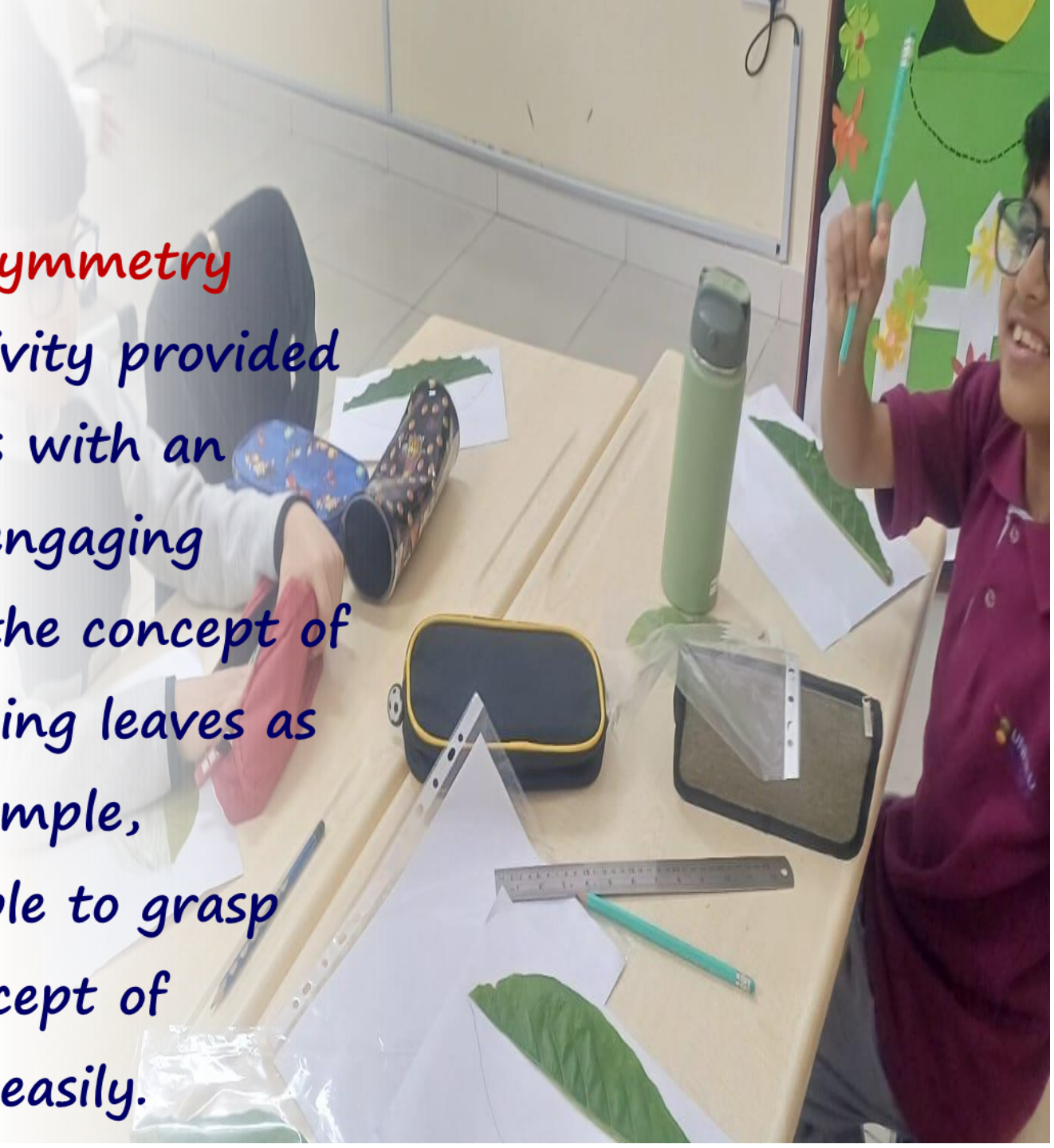
In the pursuit of fostering a deeper understanding of geometry, grade 3 students engaged in an exciting and interactive activity titled **"Garden of Shapes."** The activity aimed to reinforce geometric concepts while fostering creativity and critical thinking skills.





MATH PROJECT

The "Exploring Symmetry with Leaves" activity provided grade 2 students with an interactive and engaging introduction to the concept of symmetry. By using leaves as a real-world example, students were able to grasp the abstract concept of symmetry more easily.





Students project - Math Gr. 1

Skip counting caterpillar

The teacher provides circle cutouts of caterpillar with head and number cards. Students will choose the numbers according to the skip counting pattern they are given by 2, 5 or 10. Then stick the circles together and put the numbers in them. Finally color the caterpillar. Students did a great job in doing this project.

Sustainability connection: The relationships between the plant and caterpillars can be the foundation of an enhanced biodiversity for the garden.



Students project - Math Gr. 1A



Jellyfish place value

The teacher provides cutouts of jelly fish, base ten blocks and blocks.

Students will choose the numbers they like. Then stick them in the middle of the jelly fish cut out.

Then stick ten base blocks and ones blocks according to the number.

Students really enjoyed completing the task and developing creativity skills.

Sustainability connection: Jelly fish preserved in the ocean and maintain the balance of the ocean's ecosystem.

During the 10th week of the Term 2, students of grade 1B class completed a skip counting caterpillar project relating it with the sustainability domain: Caterpillars are tiny creatures who support to keep up the balance of the eco system.



Students could complete a jelly fish project where they applied the concept of decomposing numbers using base ten blocks. And the project was displayed under the title 'Preserve place value jellyfish'.



EOT2 Projects Students' efforts and contributions praise



Grades 11 and 12 have showcased their work by integrating mathematics with sustainability. The projects have vividly demonstrated how crucial math is in utilizing renewable resources to preserve our planet, showcasing the students' deep understanding and commitment to environmental stewardship.

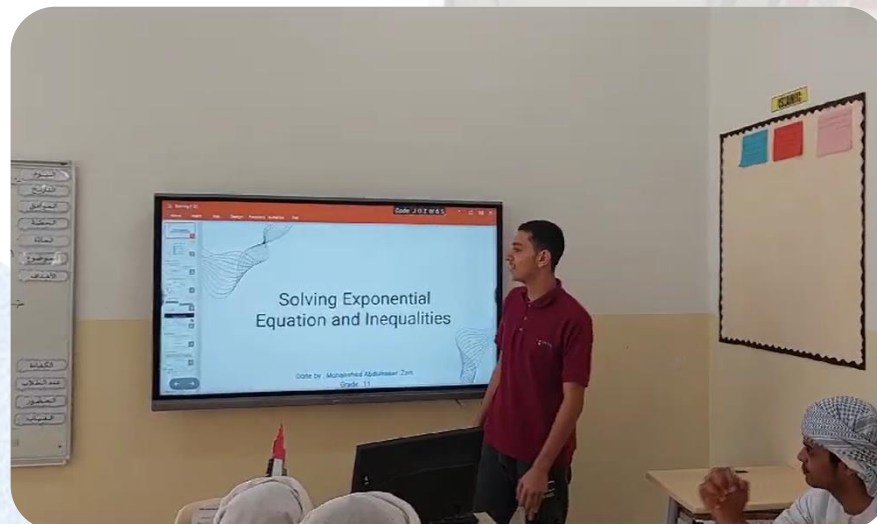
Grade 12 students have modeled the Hydroponic Farming merging sustainable agricultural practices with mathematical concepts.

Also, they have prepared an agriculture model, showcasing the significance of calculating volume through integration.



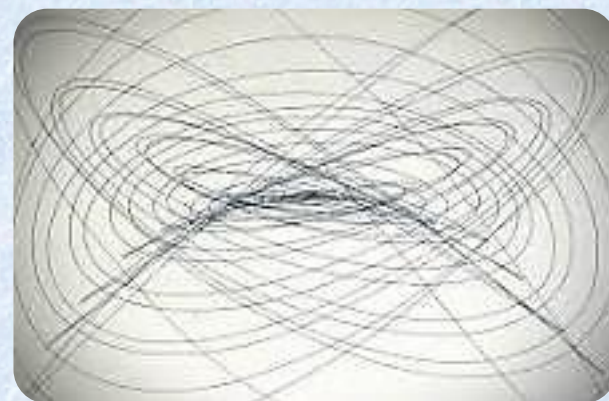
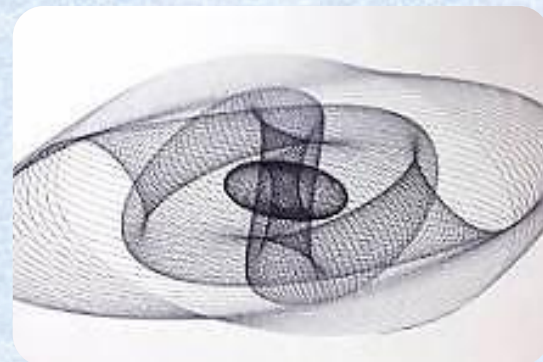
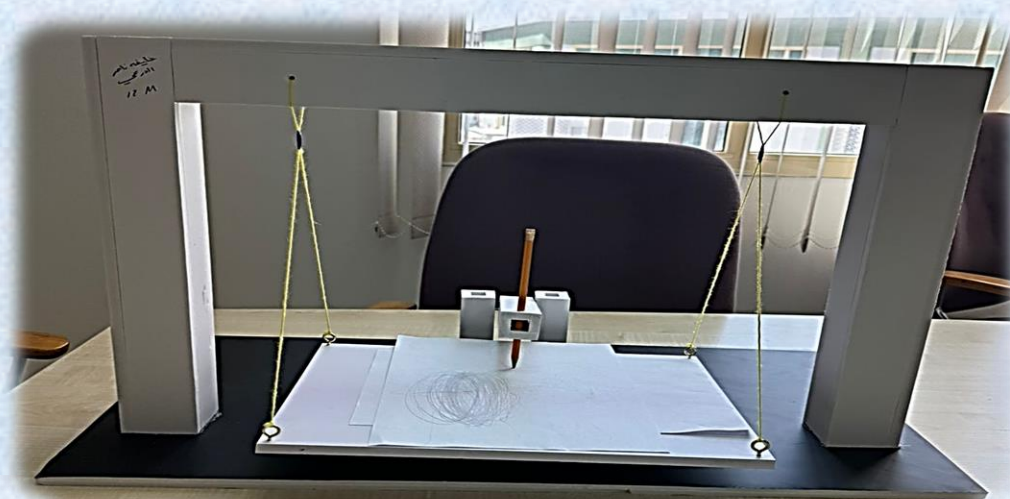
EOT2 Projects Students' efforts and contributions praise

Grade 11 boys have presented some important topics in math reflecting their academic proficiency and their ability to apply math creatively to real-world scenarios.



EOT2 Projects Students' efforts and contributions praise

Grade 12 boys have worked on the Harmonograph project that aimed at drawing 3D drawings.



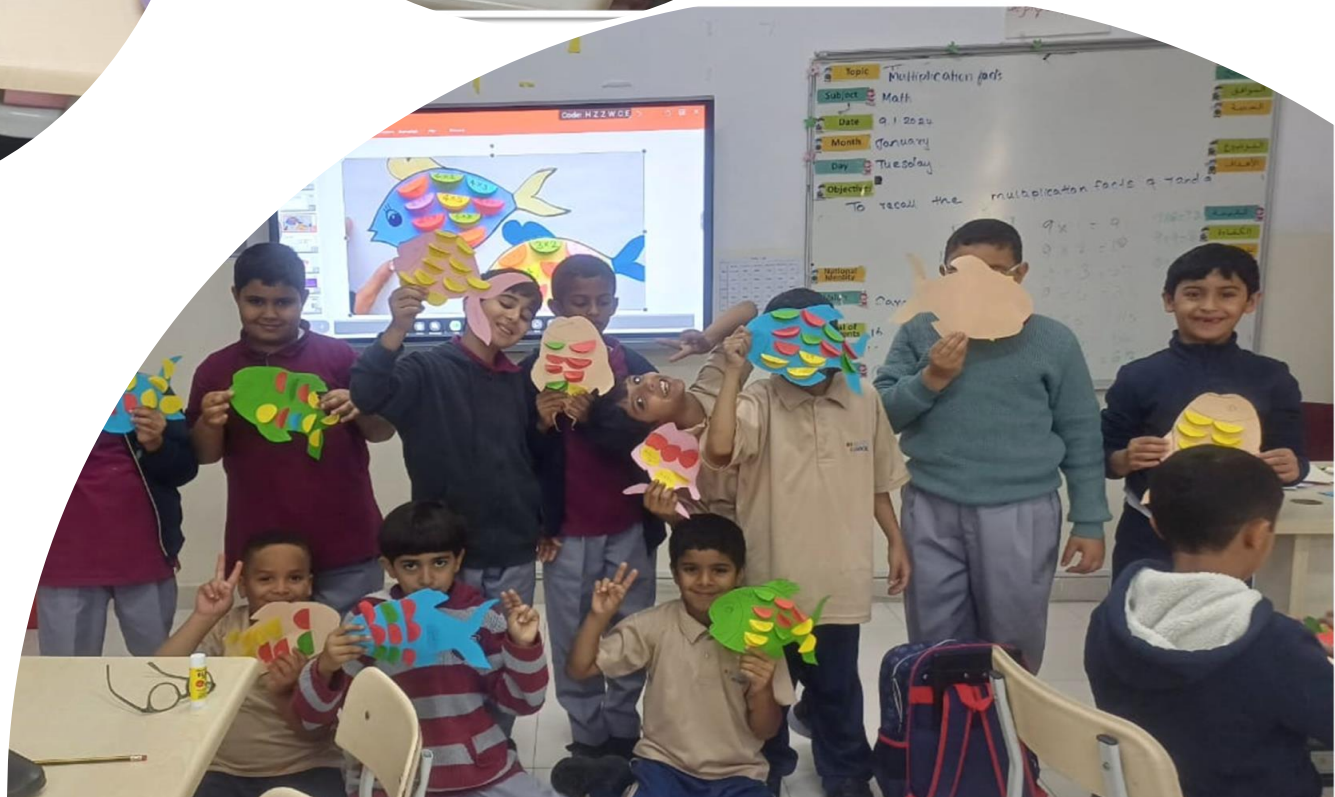
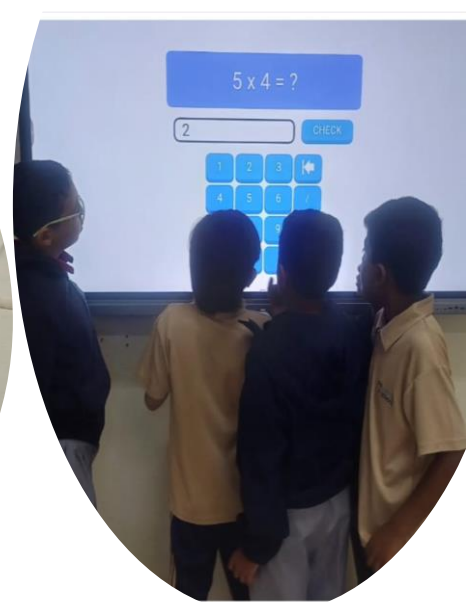
Look at Our Best Work!





SCHOOL ASSEMBLY





**BEHIND
THE
DOOR**

MATH *Marathon!*

In order to compete against their peers in a race and win, students applied their understanding of mathematical concepts in mental math problems.

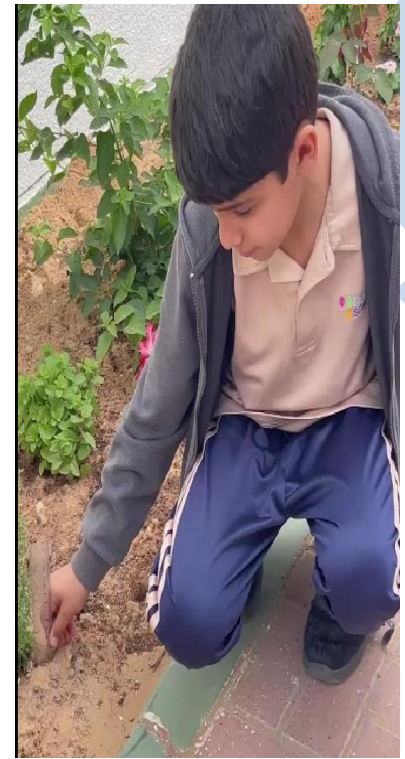


 **OUTDOOR
ACTIVITY**



DIFFERENTIATED LEARNING





Flowering Students:
Grade 4 Students exercising Sustainability Skills and Connecting Math to Science while Measuring Plants Around the School.



Executing Entrepreneurship:
Grades 3-6 Practicing Math Skills Through
Buying and Selling Wares During our Math
Market Event



Giving Back:
Serving the Community by Fundraising for the
Emirates Red Crescent Humanitarian
Organization

**UPCOMING
EVENTS**



Mathematics Fun Stations
Math Baseball
Math Contest – Inter School Competition
Shopping Day
Math Glow Day
Dominoes Puzzle
The Golden Age 2024

Let's wait
for the new
Term.....