



MATH NEWSLETTER

ACADEMIC YEAR
2023-2024



THE MATH FAMILY



Ms Saeda



Mr Moosa



Ms Khawla



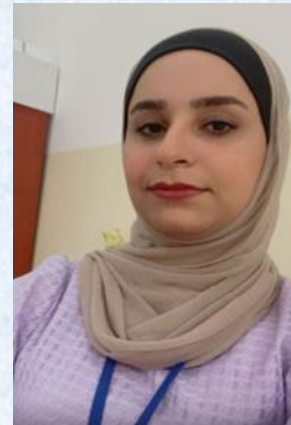
Mr Ragab



Ms Kinanah



Ms Saji

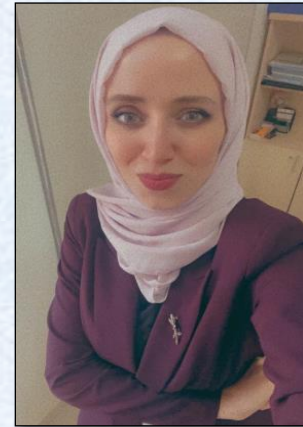


Ms Rama



Mr Abdulrahman

HEAD OF DEPARTMENT PHILOSOPHY



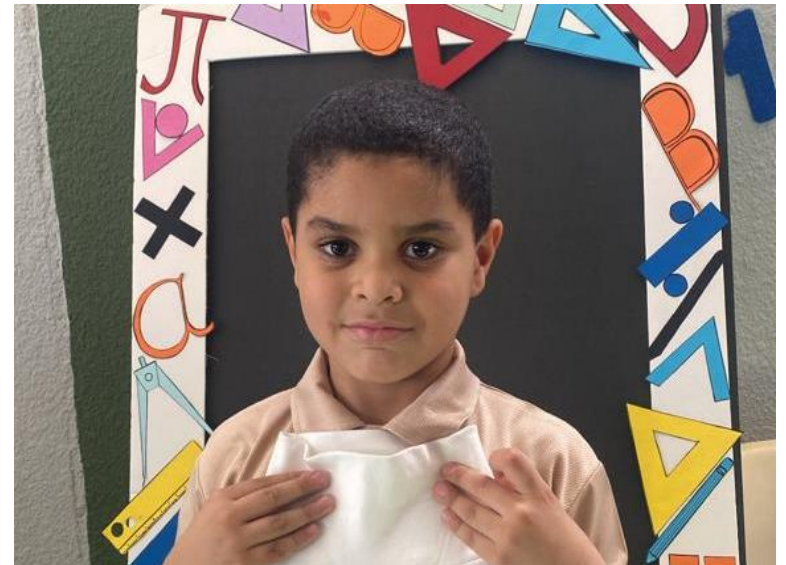
As the Head of the Mathematics Department, I believe in fostering a learning environment that inspires curiosity, critical thinking, and a deep appreciation for the beauty of mathematics. My philosophy revolves around creating a supportive space where students are empowered to explore mathematical concepts, 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

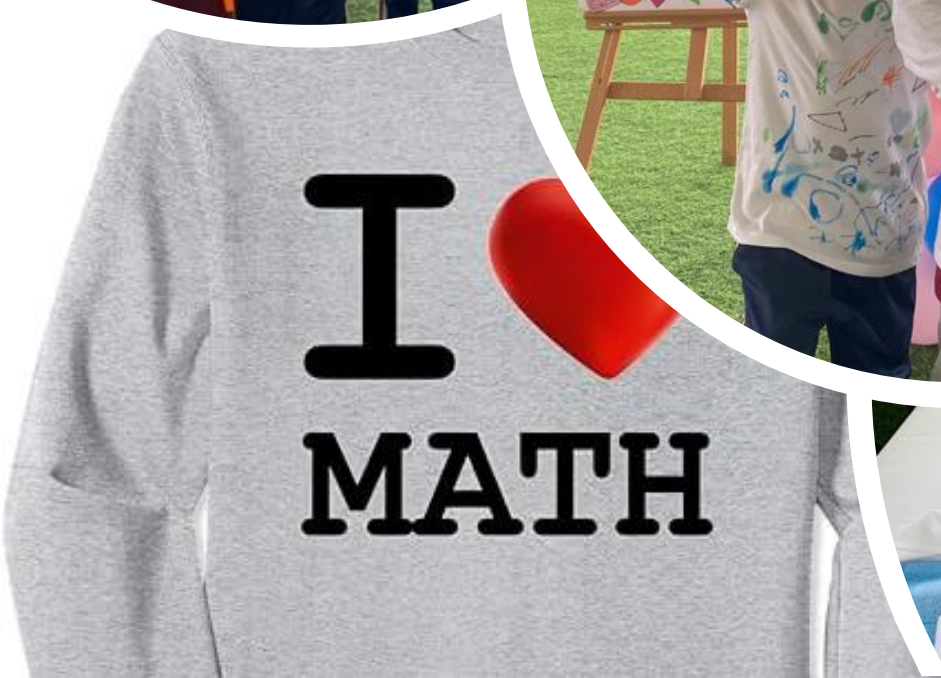
Math T-shirt Design

The Math T-shirt Design activity allowed the young learners to express their mathematical creativity by designing their own T-shirts using various mathematical symbols, numerals, shapes, logos, and other related elements. The event aimed to make math fun and engaging while promoting artistic expression.





Math Happens



MATHS FUN



Crazy Math Hats

In Grade 3 boys and Grade 3 girls, we made project (crazy math hats)for mathematics, which are essentially related to our subject.

The students made their own hats and decorated them with numbers and mathematical operations.

After completing the hats for all the students, we put questions in each hat, and they were drawn from them as question cards to be asked by a loud voice and all of students trying to solve it .

Our main objectives for this project :

Promote Creativity and Individual Expression.

Encourage students to unleash their creativity by designing and creating unique hats that reflect their individual personalities.





الله الرحمن الرحيم

Topic	
Subject	Math
Date	
Month	November
Day	8/11/2021
Objectives	
National Identity	

Code: J C Z W 6 R

Give Feedback to Omar S

Positive Needs work

Helping others

Creating

Participating

Persevering

Respecting

Working well with others

Being responsible

Being confident

Being resilient

Being curious

Being open-minded

Being respectful

Being honest

Being kind

Being fair

Being brave

Being polite

Being tidy

Being safe

Being healthy

Being happy

Being successful

Being a good citizen

Being a good friend

Being a good student

Being a good worker

Being a good leader

Being a good team player

Being a good listener

Being a good communicator

Being a good problem solver

Being a good decision maker

Being a good negotiator

Being a good mediator

Being a good arbitrator

Being a good judge

Being a good jury member

Being a good witness

Being a good juror

Being a good citizen

Being a good voter

Being a good candidate

Being a good leader

Being a good team player

Being a good listener

Being a good communicator

Being a good problem solver

Being a good decision maker

Being a good negotiator

Being a good mediator

Being a good arbitrator

Being a good judge

Being a good jury member

Being a good witness

Being a good juror







14TH OF NOVEMBER

SENIORS
23-24

MATH COURT



Philosophy

Our philosophy is to engage high school students in their educational journey through an approach that inspires their intellectual, ethical, personal growth and prepares them for responsible lives of learning to be able to face the challenges in the future.

Ms. Khawla Khalid



The target

The target is to involve high school students in Math activities and encourage them to do many researches parallel with the curriculum in order to enrich their knowledge.

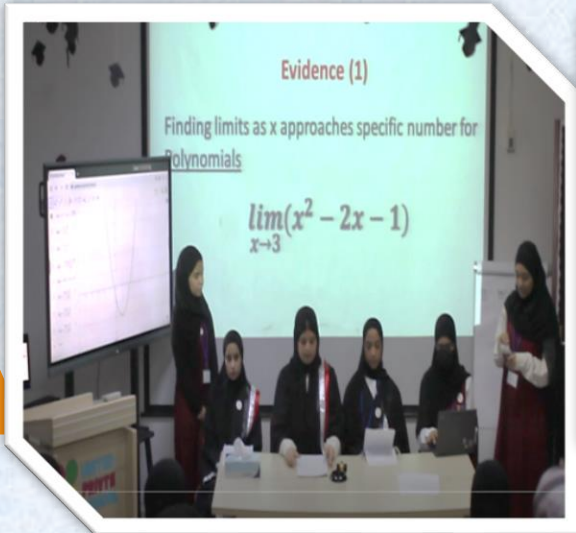
The activity aims to,

- teach students how to use math skills and utilize them in an argument in order to convince others.
 - help students to build a good relationship among grade 12 students.
 - help students to set a plan in order to develop problem-solving skills.
 - build students' confidence and self-esteem.
 - encourage students to show their abilities and compete with each other.
 - enhance students' thinking of their future career.
 - empower women in leadership positions.
 - apply Islamic values and ethics. (i.e Respect, tolerance, empathy, sympathy,...)
 - use technology in learning.
- In addition to the above, the activity is for fun.



14TH OF NOVEMBER
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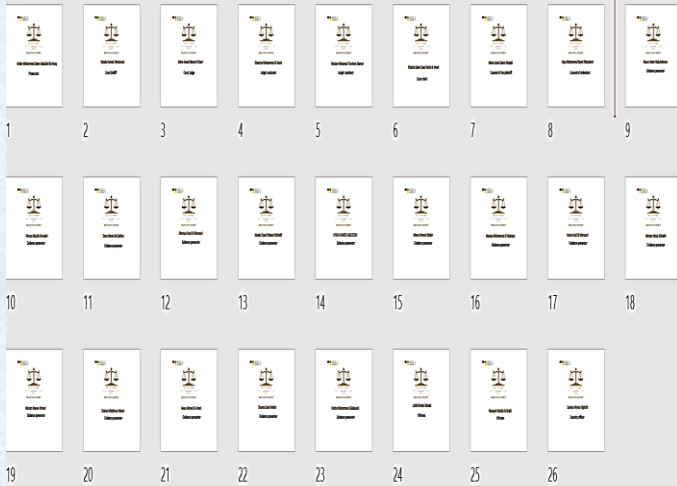




14TH OF NOVEMBER

SENIORS
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MATH COURT



Najah Exhibition Visit - Abu Dhabi



ANGLE ADVENTURE!

EXPLORING GEOMETRY BEYOND THE CLASSROOM



In an effort to make math more engaging and the Math department organized a fun and math activity for students to explore geometry by venturing outdoors and mathematical concepts to the real world situations.

Angle Scavenger Hunt

The adventure kicked off with a thrilling angle scavenger hunt. Students became angle explorers, capturing the geometry hidden in their outdoor environment through photographs. This hands-on experience bridged theoretical knowledge with real-world applications.



Angle Measurement & Classification

Equipped with their angle snapshots, students delved into measuring angles using protractors or angle checkers. This practical exercise honed their measurement skills and understanding of angle classification, identifying acute, right, or obtuse

Group Collaboration

Collaboration was key! Students formed groups, fostering teamwork and communication. Discussions on their findings and angle pictures encouraged peer-to-peer learning, enriching their understanding of angles.



Right Angle Art

The adventure took a creative turn as students ventured to a designated playground area. Armed with sticks and cubes, they crafted shapes and images, emphasizing right angles. This artistic endeavor intertwined math with creativity, making learning visually engaging.



Tape Art with Angle Exploration

In a mesmerizing artistic twist, students created a tape art canvas on the ground. Intersecting tape strips formed an intricate mosaic of shapes. Using chalk, students infused vibrant colors, transforming their canvas into a stunning artwork that celebrated angles.



This holistic activity seamlessly blended math concepts with creativity, teamwork, and critical thinking. Students left with a deeper appreciation and understanding of angles, transforming abstract concepts into tangible, colorful experiences that they'll cherish.

QASR AL MUWAIJI 3-MODEL DESIGN

Qasr Al Muwaiji was built during the time of Sheikh Zayed bin Khalifa Al Nahyan, Zayed the First (r. 1855-1909), and his son, Sheikh Khalifa bin Zayed bin Khalifa Al Nahyan. Later, it became the home and administrative base for the late Sheikh Zayed bin Sultan Al Nahyan, the Founding Father of the UAE, when in 1946, he became the Ruler's Representative in the Al Ain Region.

Therefore, it was important to study the construction of the castle and design a model for it. The students examined the lengths of the walls, towers, and palace buildings. They then designed a model similar to it, with an appropriate drawing scale and lengths proportional to the walls, towers, and buildings.

This was done to enable the students to develop the ability to use engineering, measurement, and calculations in construction and design.



MATH
PROJECT G9-D

Aisha A. - Amra A. - Mala K. H. - Naha A. - Nora A. - Yara C.
Hamda H. - Tasmeem S. - Shawana A.

supervised by:
Mr. Abdulkahman

Celebrating Unity Through Math

The Math Corner for the UAE National Day is designed to showcase the rich cultural heritage, national pride, and unity of the United Arab Emirates through mathematical concepts. This project aims to engage students and visitors in an interactive and educational experience, fostering a deeper understanding of the significance of numbers in the context of the UAE National Day celebration.



UAE National Day Math Corner

UAE National Day _ Math Department Contribution



Students took part celebrating the 52nd National Day by finding the factors of numbers and connecting our lessons to UAE National Identity



National Day project

Mathematics in Infrastructure Development

The math department was delighted to introduce two exceptional students, Ali Mohamed AlAidroos and Alawi Mohamed Hassan Alaidroos, who showcased their dedication and creativity in the National Day project "Mathematics in Infrastructure Development." Their projects, under the guidance of Mr. Ragab Ibrahim, highlighted the importance of mathematical precision in designing architectural marvels like the Burj Khalifa and Sheikh Zayed Mosque.

The National Day exhibition provided a platform for Ali and Alawi to express their ingenuity and passion for our nation. Their projects not only reflected immense talent but also a commitment to excellence. With Mr. Ibrahim's mentorship, they demonstrated dedication, attention to detail, and innovative approaches, leaving a lasting impact on the exhibition.

We acknowledge Mr. Ragab Ibrahim's unwavering support and guidance, which played a crucial role in nurturing the talents of Ali and Alawi. His commitment to fostering creativity and curiosity is commendable.

We are privileged to present these outstanding National Day projects to our esteemed guests, Dr. Nabil and Dr. Salam Omar. We are confident that Ali and Alawi's creations will captivate your attention and serve as a testament to the incredible potential within our student body.

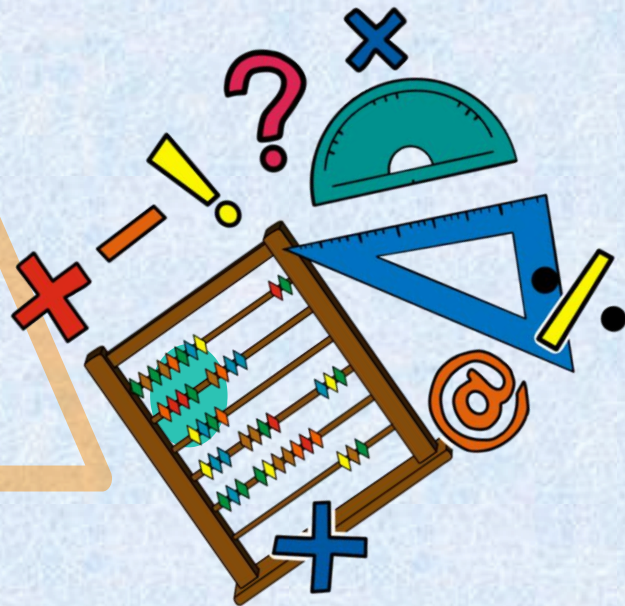




Seniors' participation in the morning assembly

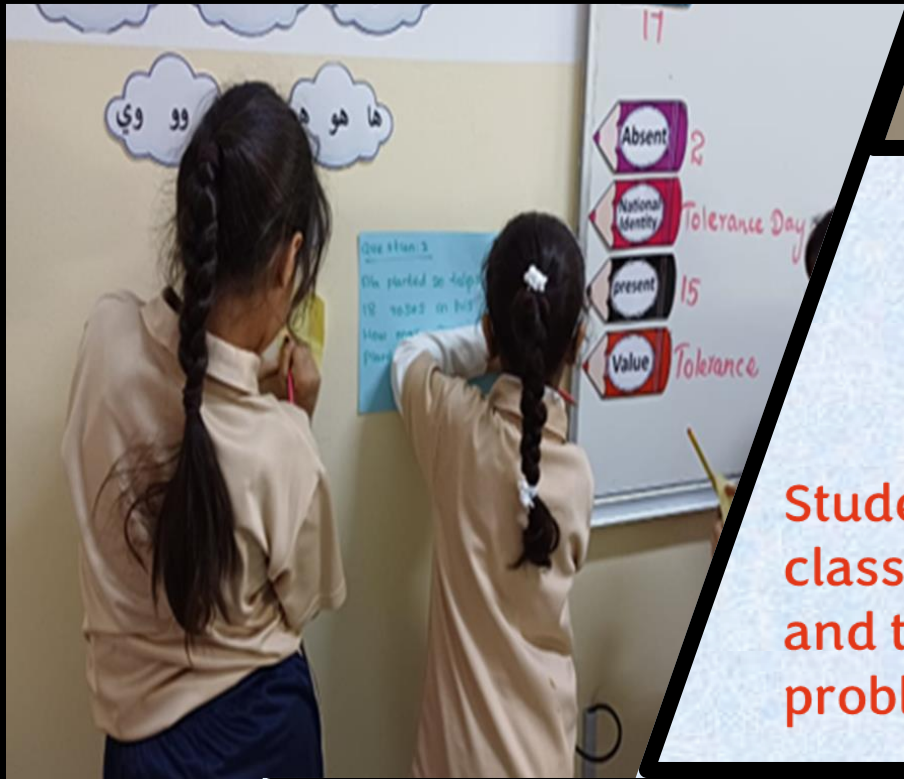


"Math Fun Behind the Door".....



THE ONLY WAY TO LEARN MATH IS TO DO MATH.





Scavenger HUNT

Students of Grade 2 walk around the classroom writing and solving one-step and two-step equations from word problems.

FACTOR TREE

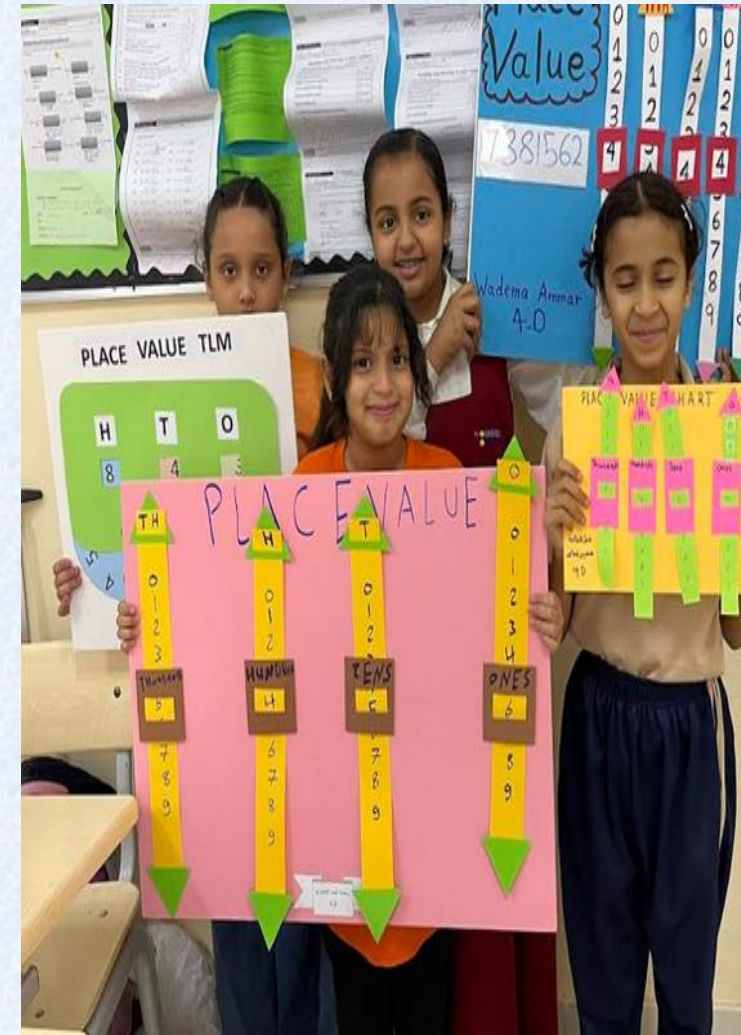
Factor trees provide a visual representation to understand how composite numbers can be expressed as a product of prime numbers. They are commonly utilized in mathematics education to teach the concept of prime factorization.





Grade 4A did a great job representing their factor trees based on given numbers during our math class.

"Grade 4 students were excited to demonstrate various ways to represent place value."





Grade 6 Students Displayed some of their projects on Customary Units of Capacity & Converting Decimals to Fractions and Percentages.

Illuminating Mathematics through Visual Displays



**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.....