



BERRIES



The official newsletter of Milton International School
Cambridge International Affiliation - IA283



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FRACTIONS CHARM

Ms. Ganga, Math educator



Sahishnu & Kanav, Grade 5

Simply create geometric images made students to find the total value of the images. Then take some blocks away so they can practice subtraction of fractions. It's a simple task that visual learners enjoy. Using pattern blocks is much more fun than the average worksheet!

Some examples of fractions in real life.

- Splitting a bill while eating at a restaurant.
- Calculating the discounted price of an object on sale.
- Following a recipe.
- Fractions are frequently used to analyze the performance of a particular player and team.



Nirjasri & Kavinesh

Activity-based learning in math is an innovative educational approach that aims to enhance students' understanding & engagement with mathematical concepts through practical experiences and real-world applications. This teaching method shifts away from traditional lecture-based instruction and places a strong emphasis on hands-on activities, problem-solving, and collaborative learning.

CLEAN WATER AND SANITATION

Armaan Shalik Samir | Grade 6

IMPORTANCE OF CLEAN WATER AND SANITATION

Water is an integral part of our lives, but we tend to forget its importance. With the increased population, our water resources are declining day by day, and we need to come together to ensure sustainability.

The time has come to make sure the availability and sustainable management of clean water is enforced for every person in the country. The urgency to provide clean water and sanitation to every person in the country is at its peak.

World Water Day is celebrated across the globe to raise awareness of the importance of Water, Sanitation and Hygiene (WASH) in the lives of people.

Water is the key to maintaining a clean environment and sustainable growth. We need to work hard to keep our waterways free from contamination so that we can all depend on them for our drinking water needs. Corporations and the Government must start investing in more filtering infrastructure so that people have access to clean water wherever they live. This way we can sustainably manage our freshwater resources, protect soil health and biodiversity, and avoid pollution that could have adverse effects on human health.

Governments should enforce that Water companies need to focus on committing to filling their reservoirs, cleaning their

distribution networks, replenishing wetlands and conserving precious natural resources. In short, doing what it takes to ensure a clean and reliable water supply for everyone. They should also pledge to maintain the balance of water resources.

The Clean Natural Environment develops based on the quality of the water and its availability making watersheds, forests, farms and soils more alive and resilient to regulation and contribution of a balanced water supply.

OUR SMALL CONSCIOUS CONTRIBUTION

Clean water is vital for human life, yet it's becoming scarcer by the day. Around 800 million people lack access to clean water, which makes our mission of 'ensuring clean water for every citizen' even more important. So, let's unite and make a change! Let's stop dumping chemicals, plastics and waste into the environment, and instead invest in sanitation. We need to raise awareness of best hygiene practices among our friends, family, neighbours and community members.

Also, let's protect natural resources and avoid water pollution. And finally, let's restore ecosystems so that people can have access to safe water. It's time we did something about it.

Clean water with sustainable management is a prerequisite for progress. And it's time we started being more conscious of that!

INVESTITURE CEREMONY



The first investiture ceremony of Milton International School, held on the 4th of July 2023, aimed to induct the administrative student body, and the prefectorial board, into their designated roles. Chief guest, honourable Group Captain Shri V Ganesh Narayanan, our honourable chairperson Mr Yasir Nainar and our honourable and lovable Principal and director Madam Asma Nainar graced the ceremony with not only their presence but words of motivation and inspiration.

The ceremony to confer them with the office was meant to make them aware that the ceremony is a symbol of honour and pride and that the title beside their name and the badge on their chest are not mere markers of their identity but symbols of the high degree of responsibility to uphold the values and principles of the school that they shall vow to shoulder. The ceremony also invigorated their spirit that always maintaining dignity and integrity and inspiring and leading everyone in the path of righteousness should be their endeavour as the prefectorial board members. They vowed to work collaboratively with zeal and spirit of oneness and open-mindedness to grow together, creating an impact throughout our immediate and extended community.

INVESTITURE CEREMONY



The investiture ceremony echoed the true purpose of service which is the most cardinal action that escalates one's consciousness to achieve one's goals in life as a human, and that renouncing personal gains for a larger purpose permits a person to awaken their mind to perform duties relentlessly to reach their destiny.



The oath the prefectorial board took resonated that selfless service trains one's mind to be steady and even-minded, equitable, selfless, responsible and mindful of their thoughts, intentions, choices and actions, which culminate in strengthening the nexus of humanity. Thus, with dignity, grace and pride, they took the most glorious path of shouldering the responsibility to serve greater ideals.

EXPERIENTIAL LEARNING

Ms. Steffi, Math educator



Experiential Learning is the process of learning by doing. By engaging students in hands-on experiences and reflection, they are better able to connect theories and knowledge learned in the classroom to real-world situations.

The students of grade 7 are learning about transversal lines through experiential learning.

A transversal is a line that intersects two or more other lines in the same plane. To make an activity engaging and experiential, we were

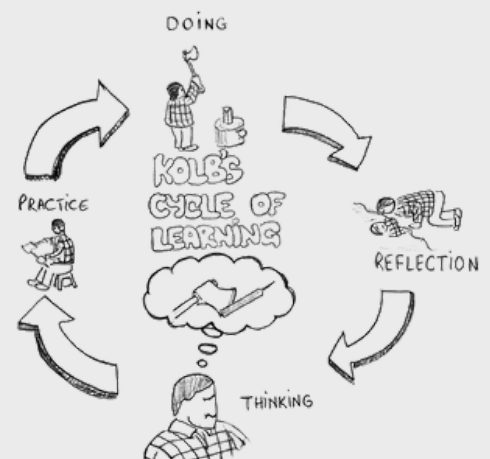
asked to create a transversal line using long sticks. We explored different angles formed in the plane. We analyzed, measured and identified the similar angles formed in the transversal, this happened with several pairs of angles. Since it was a paired activity, we as a team labelled them to sort out as different pairs of angles like corresponding angles, alternate interior and exterior angles, and vertical angles. We found the activity to be exciting and engaging.

Math Facts

From 0 to 1000, the only number that has the letter “a” in it is “one thousand”.

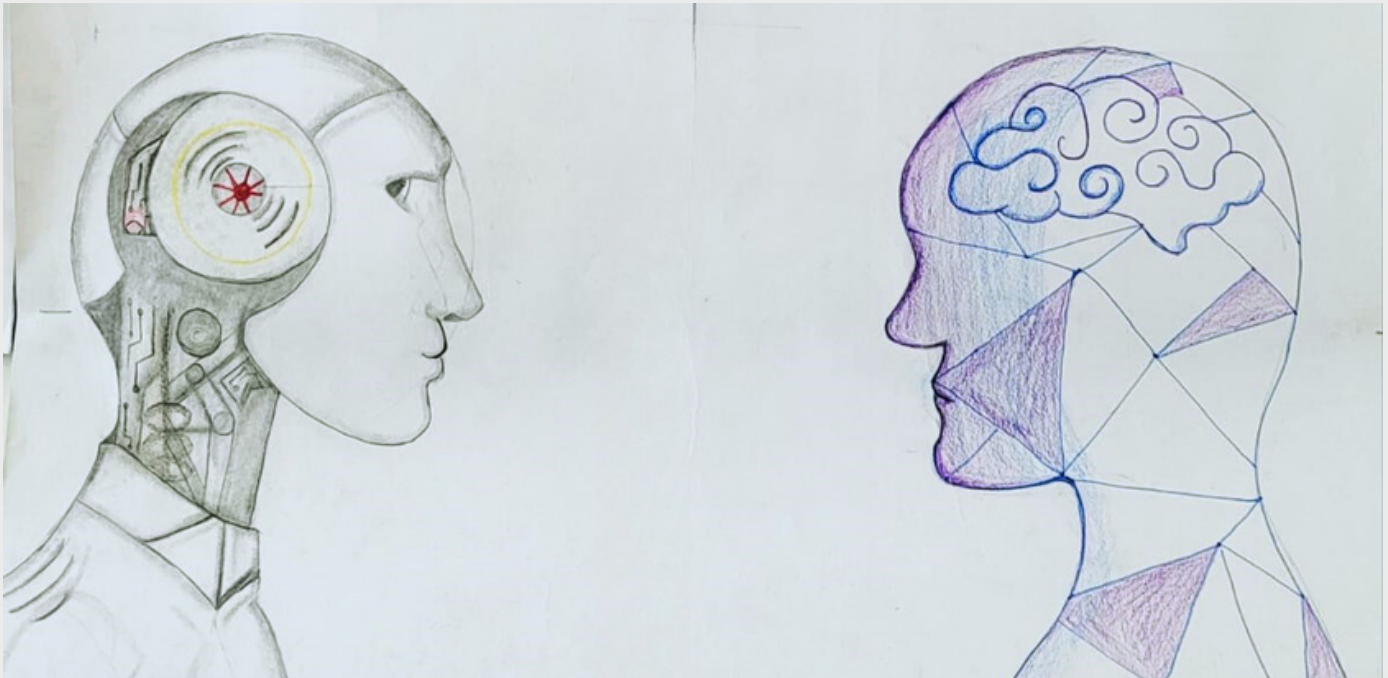
In a room of 23 people there’s a 50% chance that two people have the same birthday.

If you shuffle a deck of cards properly, it’s more than likely that the exact order of the cards you get has never been seen before in the whole history of the universe.



IS ROBOTICS PART OF AI? IS AI PART OF ROBOTICS?

Ms. Sri Divyaa, Computing educator



Goutham, Grade 7

Robotics and artificial intelligence (AI) serve very different purposes. However, people often get them mixed up. A lot of people wonder if robotics is a subset of artificial intelligence. Others wonder if they are the same thing.

Robotics is a branch of technology that deals with physical robots. Robots are programmable machines that are usually able to carry out a series of actions autonomously, or semi-autonomously. Applications of robots include autonomous self-driving cars, military drones, automatic vacuum cleaners or machine learning personal assistants.

Artificial intelligence (AI) is a branch of computer science. It involves developing computer programs to complete tasks that would otherwise require human intelligence. AI algorithms can tackle learning, perception, problem-solving, language-understanding and/or logical reasoning. Examples of AI in everyday life include Face recognition, Smart cars, Google

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predictive search algorithms, e-commerce, and digital assistants like Siri, Cortana, Alexa. Student of grade 7 presented their posters, differentiating AI and Robotics.

HISTORIANS INTO ENGLISH EMPIRE

Ms. Menaka, Social educator



In this exciting history project, Grade 7 and 6 children took on an unforgettable voyage through the story of the English Empire. Through their project, these young historians delved into the rise, expansion, and impact of one of the most influential empires the world has ever known. With their boundless enthusiasm, creativity, and teamwork, they uncovered a wealth of knowledge that brought the English Empire to life.

The Birth of an Empire The project commenced with the children exploring the roots of the English Empire. They had dived into the medieval period, discovering how William the Conqueror's victory at the Battle of Hastings in 1066 marked the beginning of a new era for England. To illustrate their findings, the children made PPT presentations, explaining key historical events such as the Norman invasion, the signing of the Magna Carta and more.

Life in the British Empire The children stepped into the shoes of people living during the height of the British Empire. They travelled an imaginative time-travel adventure, of various characters, including colonists, indigenous people, and British officials. Through engaging in thoughtful discussions, they gained insights into the social, economic, and cultural dynamics that shaped life in the empire.

Through their history project on the English Empire, Grade 7 and 6 children demonstrated an inspiring passion for learning and understanding the world's history. They uncovered the stories of people who lived during the empire's reign, learning from both its triumphs and its darker sides. By creatively presenting their findings and actively engaging in discussions, these young historians not only enriched their historical knowledge but also developed vital skills in research, teamwork, and critical thinking. As they move forward, these students carry with them deeper learning about the diversity of human experiences and the significance of the English Empire.

HISTORIANS INTO ENGLISH EMPIRE



The class 7's experience with the project.

I learnt how to overlap the PPT's auto design. I learnt how to make PPTs efficiently.

-Niranjan

I learnt to make a video with background music and good transition. Adding voice to the video from the text was fun. I learned to edit, snap clips, and export videos, adding graphics and effects to my videos was also something new to me.

-Goutham

I learned to convert a PPT to a video with voice. I learned to trim and insert background music.

-Goshwin A



I learned to convert speech into text in Clipchamp. I found out how to make a PPT for a video. Adding music and other effects to the PPT was exciting.

-Vivaan

Collaborative Learning!

Collaborative learning can occur peer-to-peer or in larger groups. Peer learning, or peer instruction, is a type of collaborative learning that involves students working in pairs or small groups to discuss concepts or find solutions to problems. Similar to the idea that two or three heads are better than one, educational researchers have found that through peer instruction, students teach each other by addressing misunderstandings and clarifying misconceptions.

The benefits of collaborative learning include:

- Development of higher-level thinking, oral communication, self-management, and leadership skills.
- Promotion of student-faculty interaction.
- Increase in student retention, self-esteem, and responsibility.
- Exposure to and an increase in understanding of diverse perspectives.
- Preparation for real life social and employment situations.

COLLABORATIVE POSTER MAKING

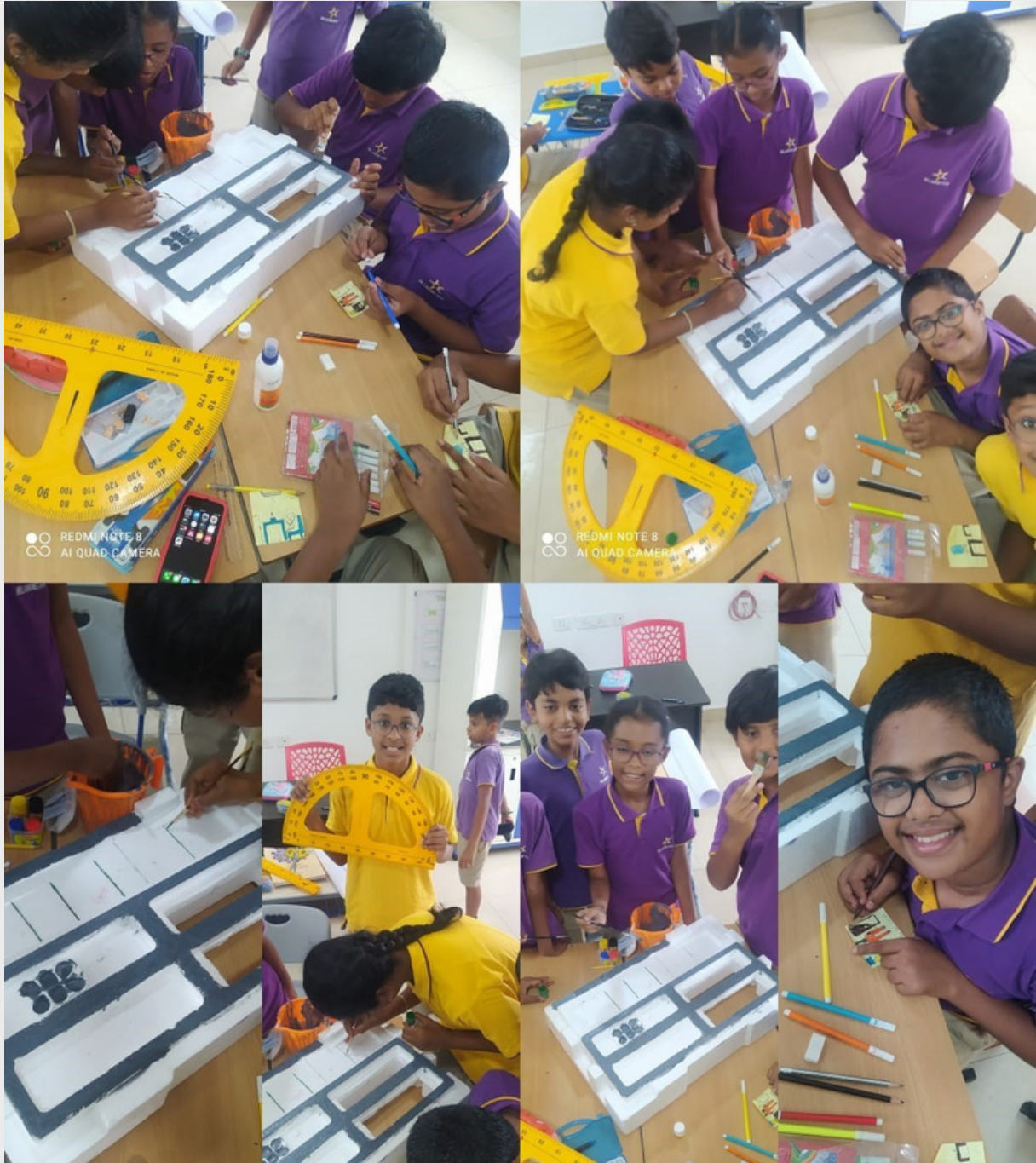
Ms. Santhosh Priya V, Math educator



Collaborative learning is an educational approach where students work together in groups or teams to achieve a common learning goal. Grade 7 students were asked to create a poster on the topic of Data Handling. Each student brought their unique perspectives, experiences, and insights to the group, enriching the overall learning experience. They participated actively by dividing the work among themselves. Niranjana did the research work on the content. Gowtham and Goshwin provided the ideas and design works. Vivaan decided on the font style and the writing work. Each team member was accountable to the group, promoting a sense of responsibility and commitment to the shared learning objectives. Students learn to express their ideas clearly, listen actively to others, and engage in constructive discussions. After completing group activities, students reflected on their experiences and learning outcomes, fostering metacognition.

ANGLES AND MEASUREMENT

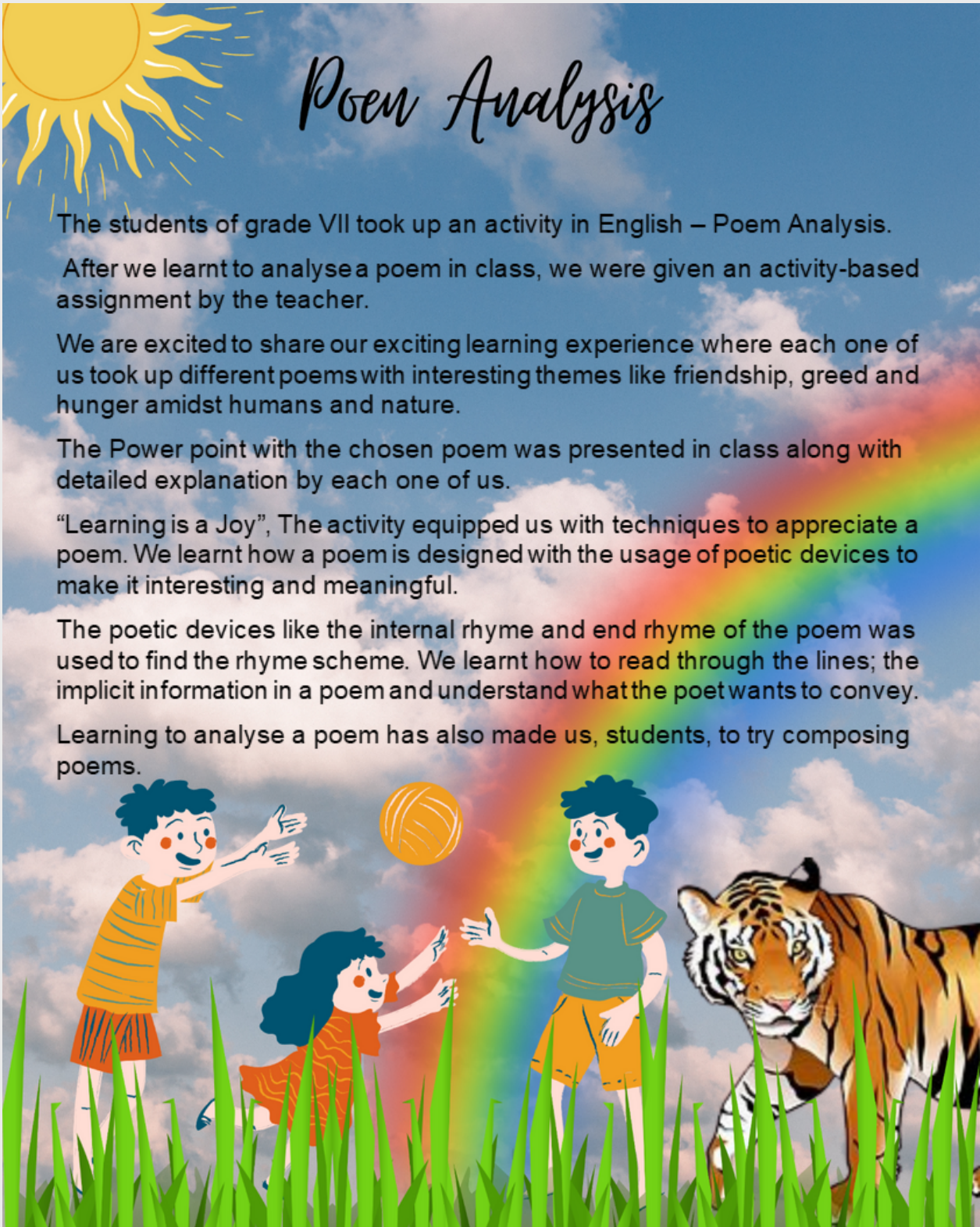
Ms. Ganga, Math educator



Knowing angles and how to measure them is an essential concept for future architects, engineers, and mathematicians as this learning area helps students understand the real world around them. Whether it be designing streets or buildings students apply their knowledge by angle sketching a city! Once students use parallel and perpendicular lines to create a city, they will do an angle scavenger hunt and label each angle that they find.

POEM ANALYSIS

Ms. Anita, English educator



Poem Analysis

The students of grade VII took up an activity in English – Poem Analysis.

After we learnt to analyse a poem in class, we were given an activity-based assignment by the teacher.

We are excited to share our exciting learning experience where each one of us took up different poems with interesting themes like friendship, greed and hunger amidst humans and nature.

The Power point with the chosen poem was presented in class along with detailed explanation by each one of us.

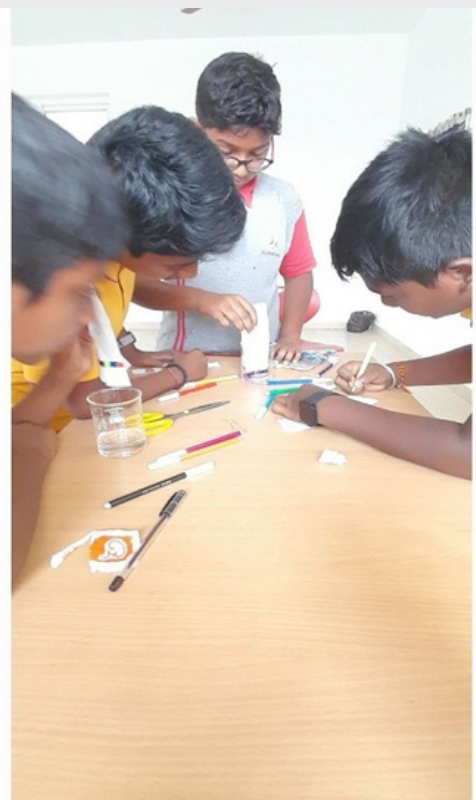
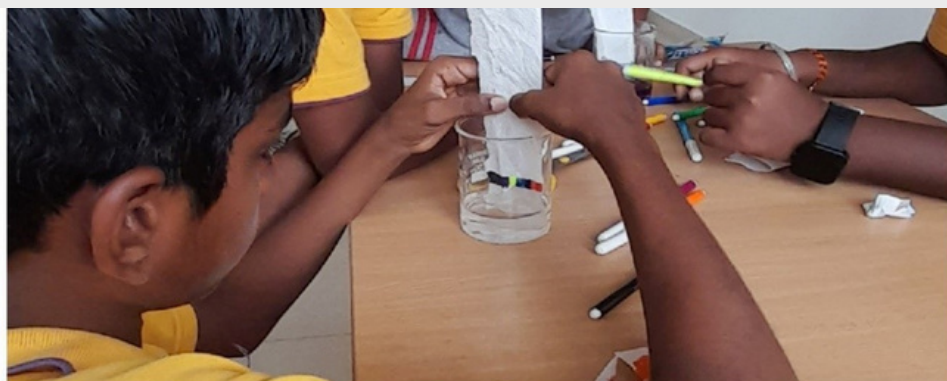
“Learning is a Joy”, The activity equipped us with techniques to appreciate a poem. We learnt how a poem is designed with the usage of poetic devices to make it interesting and meaningful.

The poetic devices like the internal rhyme and end rhyme of the poem was used to find the rhyme scheme. We learnt how to read through the lines; the implicit information in a poem and understand what the poet wants to convey.

Learning to analyse a poem has also made us, students, to try composing poems.

PAPER CHROMATOGRAPHY

Ms. Deepa, Chemistry educator



It's wonderful to hear about Ms. Deepa's engaging class experiment on paper chromatography for Grade 7 students. Paper chromatography is indeed a fascinating technique that allows us to separate the components of a mixture based on their interactions with a stationary phase (the paper) and a mobile phase (the solvent). It's a simple yet powerful method that has various practical applications. By sharing the practical applications, Ms. Deepa can show her students that the concepts they've learned in the classroom have real-world significance and are used in various fields. This could inspire the students to develop a deeper interest in chemistry and its applications, fostering a lifelong love for learning.

WORLD NATURE CONSERVATION DAY

Ms. Sri Divyaa, Computing educator



From left Ms. Hashmath Fahira - Academic Coordinator, Ms. Ganga - Event Organizer, Ms. Asma Nainar - Principal

World Nature Conservation Day is not merely a symbolic observance; it is a reminder of our interconnectedness with the natural world and the shared responsibility we have to protect it. By working together, embracing sustainable practices, and fostering a collective commitment to nature, we can ensure a harmonious coexistence between humanity and the environment for generations to come.



Lower secondary kids doing their gracious dance performance

Protecting nature is a superhero task! On World Nature Conservation Day, we miltonians had a chance to be earth guardians and conducted this beautiful event in our school on Friday, the 28th of July 2023, at Rayyan Hall.



Students of Maple House

The Debate

It was an insightful debate between the students of Maple House who spoke for the farmers and the students of Olive House who spoke for technology development. There were fired-up arguments between both the teams and in the end, the judges concluded that both are essential in today's world. Niranjan of grade VII was selected as the best performer for his on-point arguments.



QUIZOPHILIA

Ms. Shanmuga Priya, English educator



Winning Teams - Maple Sr. & Jr.

The English department of Milton International School organized the English trivia extravaganza, Quizophilia 2023, on Monday, the 31st of July, 2023, at Rayyan Hall.

The challenging interactive questions in unique rounds stimulated learners' engagement with the knowledge of the subject. The intriguing questions, triggering the excitement and spontaneity of the participants were so contagious, that the audience, including non-participant learners, teachers and the dignitaries of the event, our

honourable Chairperson, Mr. Yasir Nainar and our honourable Director and Principal, Madam Asma Nainar, wished they could answer the interesting questions posed to the teams. The rounds spanned all aspects of language such as syntax, style and register and a range of forms and periods of literature. Having participants from grades 5 to 11, the teams were divided into four: junior Olive, junior Maple, junior Olive and senior Maple with the junior Maple and senior Maple bagging the winning title.

Quizophilia



Team Olive Sr. & Jr.



CHOCOLATE DAY

Ms. Ganga, Math educator



Young chefs Manan & Nandana

World Chocolate Day is a global celebration of one of life's most exquisite indulgences that takes place on July 7 each year. Our grade 6 students eagerly and excitedly celebrated World Chocolate Day by making chocolate ice cream and really enjoyed it and made the day really memorable.



Young chefs Varun & Sakthi

World Chocolate Day holds significant meaning as it serves as a delightful reminder of universal love and appreciation for one of the world's most beloved treats. It is a day that transcends cultural boundaries and brings people together in the celebration of chocolate.



Our young little chefs of grade 6 with our dear Principal Asma ma'am and our math educator Ms. Ganga

Chocolate isn't just about tantalizing your taste buds but also offers potential medical advantages, especially for the well-being of the heart. It is thought to help soothe a sore throat, improve memory, and assist the brain fight ageing.

STUDENT-LED CONFERENCE

Ms. Sri Divyaa, Computing educator



Grade 5

A student-led conference was conducted on 28th July 2023, which is an innovative approach to parent-teacher conferences where students took an active role in showcasing their own learning progress, achievements, and goals to their parents. This approach empowers students to become more responsible for their education and encourages them to take ownership of their learning journey. The format of a student-led conference typically involves the student leading the discussion while the teacher and parents listen, ask questions, and provide feedback.

The main components of the student-led conference were,

Preparation: Students were given a week's time to prepare for the conference, taking up all that they studied for Term 1. They produced their own ideas for presentation, some prepared PPTs, while others prepared charts and videos to do a visual representation of their work.

Q&A and Discussion: This session was the interactive part of the conference where parents and teachers had the opportunity to ask the questions to students, seek clarifications, and offer feedback. This fostered open communication and helped everyone understand the student's perspective.

Feedback from parents

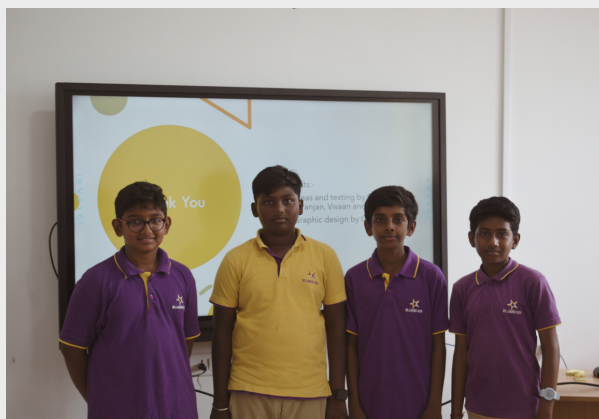
It was a very productive session today. We were able to get a lot of insights from the teacher and from the other parents. Thank you for organizing this open house meeting. It gave us a very good perspective on how things are going and to partake in their growth as well. It was really nice meeting the teachers one-on-one.

-Parent of Armaan, Grade 6

Student-led Conference



Grade 6



Grade 7



Grade 8

CELEBRATIONS

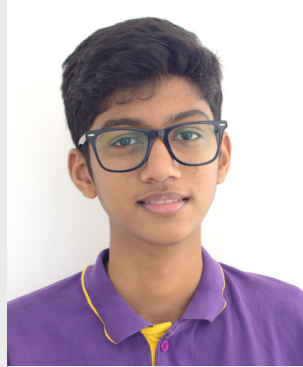
HAPPY BIRTHDAY!

These are the Miltonians who are celebrating their birthday this month. We wish you a prosperous and splendid year ahead!



VARUN SARAVANAN

Grade 5
July 29



PRANETH VENGLLET

Grade 10
July 28



STEFFI R

Math educator
July 10

HAPPY ANNIVERSARY!

These are the educators who are celebrating their work anniversary. Congratulations on completing another successful year in our school!



GANGA
Math educator
July 10



WILSON
Music educator
July 12

WELCOME!



SANTHOSH PRIYA
Math educator



SHANMUGA PRIYA
English educator



SRI DIVYAA
Computing & ICT educator



ANUSHREE NAIR
Chemistry educator