

AJ Chronicles

News Letter

October 2022

AJI Primary

Issue: 5

"Mathematics
is the music of
reason."

—James Joseph Sylvester

Math fun facts

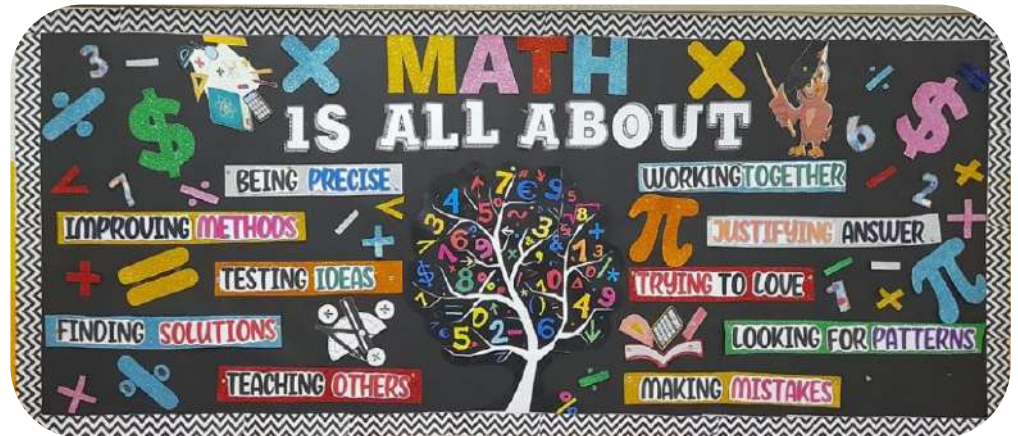
60
is the smallest number
which is exactly
divisible by all the numbers
from 1 to 5

If you were to
spell out numbers
from one; you will not find
Letter 'A' until
you reach 'One Thousand'

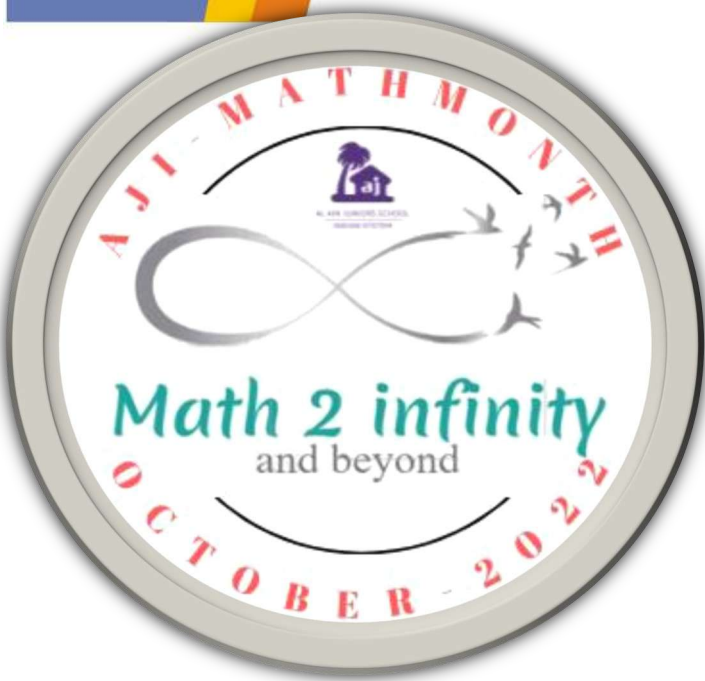
111,111,111
multiplied by
111,111,111
gives you result as
12345678987654321.

October Newsletter

Math Thematic Month



"Mathematics is the biggest motivation because it starts from zero and goes up to infinity." "Love for mathematics is unmatched because it is unconditional and unbiased."



Math-Month is held every year in October. Its objective is to develop students interest in Mathematics. This year AJI primary conducted various activities and competitions both indoor and outdoor to enhance creativity, problem solving and critical thinking skills in students.



Thursday Competitions:
 Mathnasium
 Mission Math
 Board Games
 Jigsaw Puzzles
 Speed Cubing
 Chess Tournament



Weekly Activities:
 Escape the room
 Math Marathon
 Mental Math
 Wonder math
 Spot Quiz

WEEK 1

MATHNASIUM

Art integration in Math not only increases the curiosity, but aids in constructing a deeper understanding of Math concepts. It helps children to develop creative problem solving skills. To provide such essential skills in our students an Art Integrated Math Activity was conducted as a competition in the first week of Mathematics Thematic Month on Thursday i.e. 06-10-2022.

The students created beautiful and unique art masterpieces (wall hangings) using various mathematical concepts. They had to go through different stages such as observing, thinking, imagining, exploring, experimenting, deducing, creating, recreating and expressing. These stages had actual involvement of all three domains (cognitive, psycho-motor and affective). The activity was experiential in nature and contributed to holistic development of every student.

Grade 1



Grade 2



Grade 3



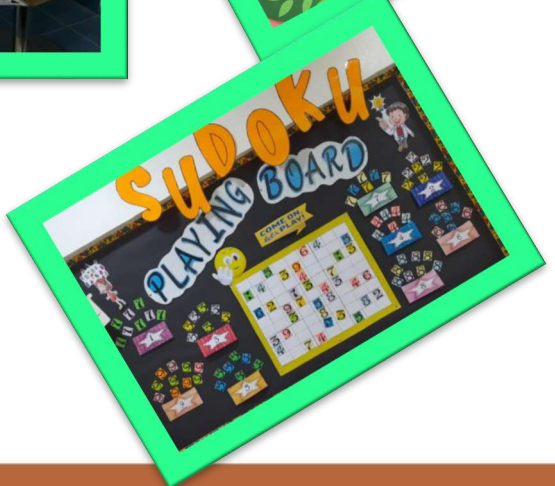
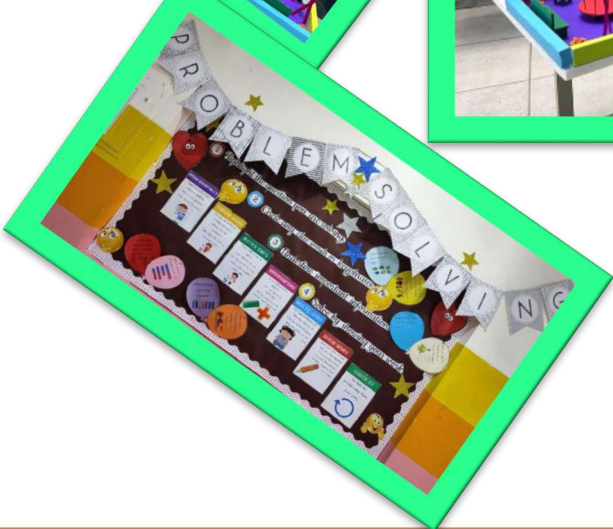
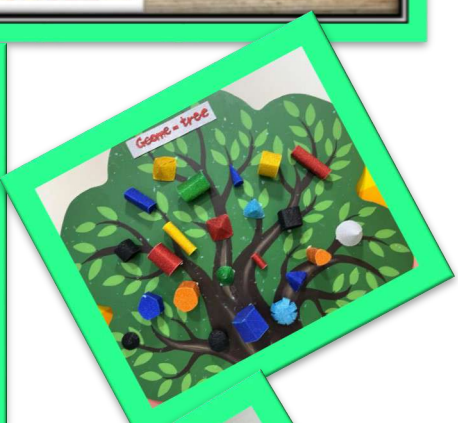
Grade 4



Grade 5



Grade 6



WEEK 2

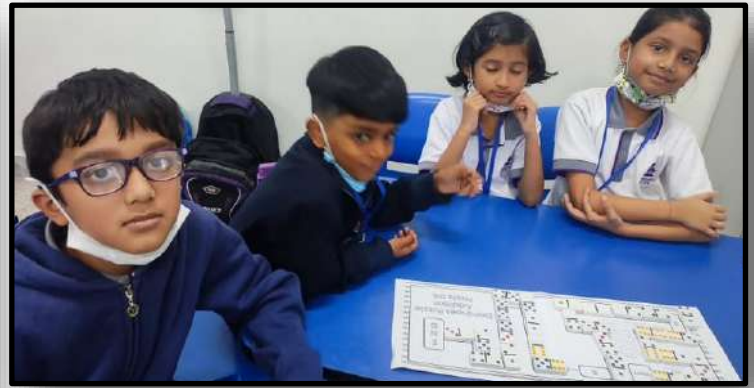
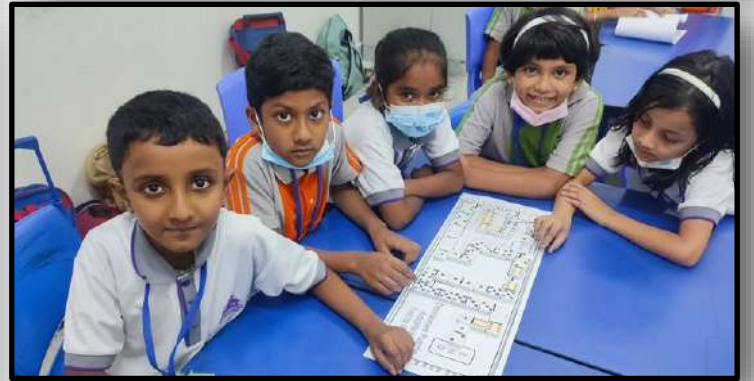
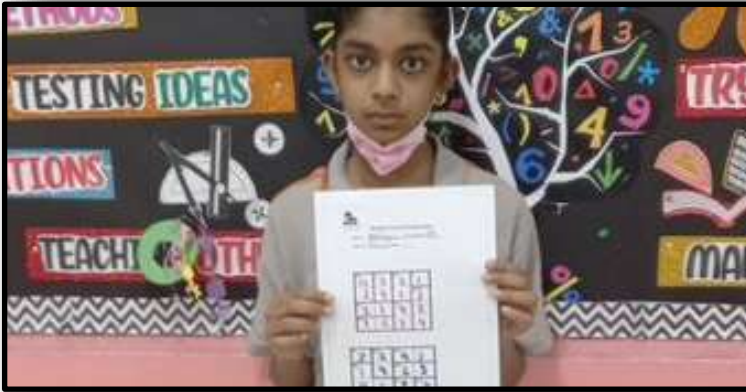
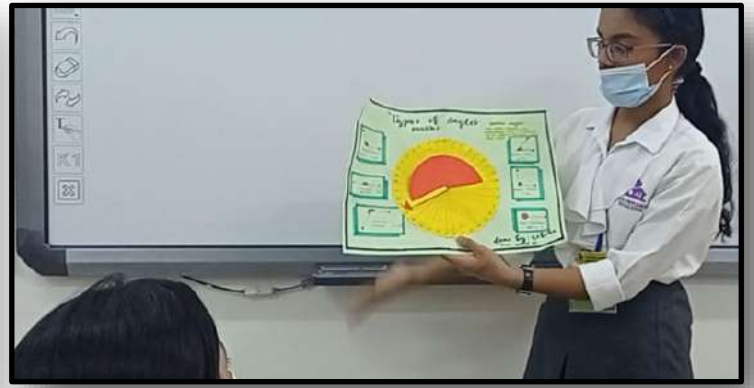
MISSION MATH

“Math gives us every reason to hope that every problem has a solution”

Different Math competitions such as domino puzzle, ken ken puzzle, math relay and still & working model presentation were conducted to promote the critical thinking of the students and to develop their problem solving skills. Each and every grade was involved in activities to commemorate the subject that encompasses almost every sphere of life.

Glimpses of the activities:





WEEK 3



“Every chess master was once a beginner.” – Irving Chernev

As part of Math Thematic Month celebration Al Ain Juniors School primary hosted the Grand Master Chess competition to provide a platform to its students to improve their logical thinking, analytical reasoning and problem-solving. Young budding students from Grades 3 to 6 participated in Chess Competition. The students were selected from the preliminary round proceeded to final round. It was indeed quite heart-warming to see the children playing their moves like stalwarts with rapt concentration and collected demeanour.

Selection round:



Final round:

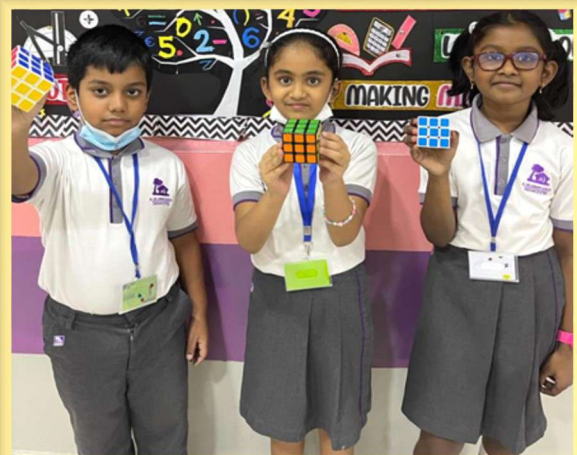


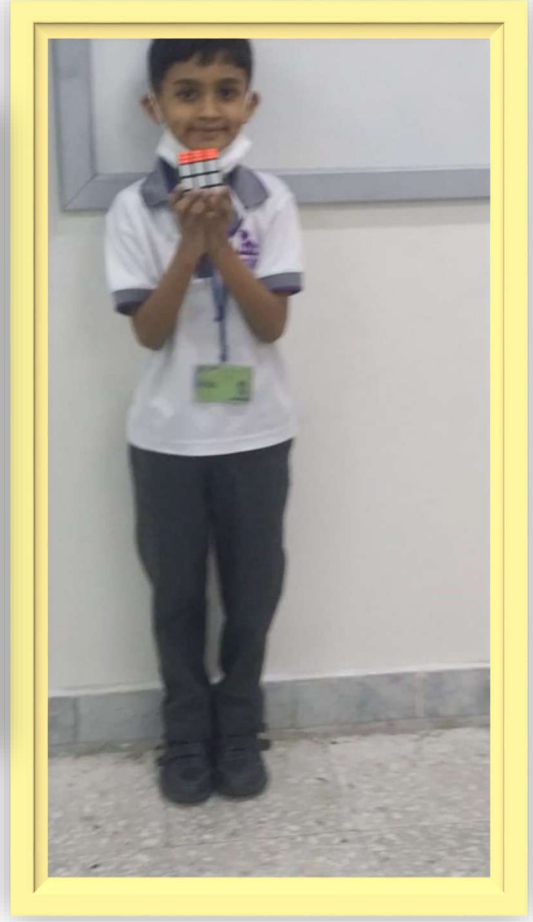


SPEED CUBING COMPETITION

“A Minute to Learn, a Lifetime to Master.”

As part of the celebration of Math Thematic Month, Al -Ain Juniors School primary organized a speed cubing competition to help the students to develop analytical and problem-solving skills on 20/10/2022. Tiny tots from grades 1 and 2 participated in the competition. The time taken by each participant were recorded. It took a mixture of skill and determination for students to solve the cube on their own. The entire competition was fun which unlocked the potential of speed cubers and the students' significant concentration, mind and body coordination, sharpness and quick reflex enhanced their problem-solving skills and boosted their confidence.





Grades 1 - 2 MATH PUZZLES!!

“Pure Mathematics is in its own way, the poetry of logical ideas”.

FUN WITH MATH PUZZLES make up an integral part of recreational mathematics. Mathematical puzzles are sometimes used to motivate students to enhance the problem solving techniques, creative thinking (Thinking outside the box) and logical reasoning.



Grades 3 - 4 BOARD GAMES!!

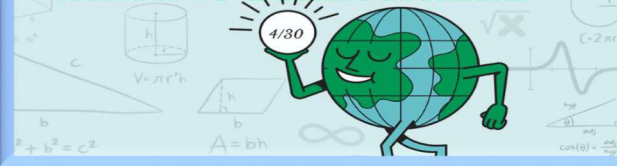
“Math is all about becoming a creative thinker NOT a calculator”

BOARD GAMES: Board Games allows for learning and consolidation to occur in a non-threatening atmosphere and also helps build positive attitudes and stronger self-esteem. Board games are a useful way of developing many different mathematical ideas and skills with young children.



WEEK 4

MATH IS EVERYWHERE



It's true that mathematics enables us to quantitatively describe the Universe. Math is all around us, in everything we do. It is the building block for everything in our daily lives, including mobile devices, computers, software, architecture (ancient and modern), art, money, engineering and even sports. Students were given a poster making group activity based on the theme 'Math is Everywhere'





BREAK TIME COMPETITIONS

Al-Ain Juniors School primary hosted Rubik's cube challenges and spot quizzes during break time as part of Math Thematic Month activities to foster interest in the subject and enhance problem-solving abilities among students of grades 4-6.





WEEKLY ACTIVITY REPORTS

The math month did its best to spread “ Math 2 infinity’ in Al Ain Junior school. Many children this year have made mathematics their best friend, from being their worst fear. Like every year , math month organized variety of competitions and concept based activities for students according to their grade level.

WEEK 1- Escape the Room:

An escape room, sometimes known as an escape game or puzzle room, is a themed challenge event where players collaborate to find clues, complete tasks, and solve a variety of puzzles. The aim is to achieve a specific, time-bound goal – usually to escape from somewhere. Puzzles enhance the problem solving ability, creative thinking ability and logical reasoning of children.

Glimpses of the Activity



WEEK 2- Math Marathon:

God used beautiful mathematics in creating the world. Accurate measurement of time and distance is very important in the Olympic Games. Races have been won by as little as a thousandth of a second. As is often the case when mathematicians use mathematics to understand the world, we need only very simple calculations but we have to search out some of the pieces of information that we need and be able to make a simple estimate of the answers. The main aim was to check the speed, accuracy and advanced numeracy skills of our students in Mathematics.

Glimpses of the Activity



WEEK 3- Mental Math :

Mental math is a group of skills that allow people to do math “in their head” without using pencil and paper or a calculator. Mental math is useful in school and in everyday life. The main objective is students understand math concepts better and get to the answer faster.

Glimpses of the Activity



WEEK 4- Wonder Math:

Cross curricular link of Math with other subjects develop greater opportunities for everyday math reasoning and problem solving. This allows students to broaden their lens of understanding and apply skills and strategies they learn in lessons to deepen their overall understanding and make authentic, real-world connections. Cross-curricular instruction also allows students the opportunity to learn skills in different contexts.

Glimpses of the Activity





With an objective to build a sustainable world where everyone, everywhere has regular access to enough nutritious food ,
AJI Primary celebrated WORLD FOOD DAY with a theme of this year-
“No one should be left behind”.
AJI Primary Science and Math departments conducted collaborative activities for students as well as for parents such as fruit and vegetable market , fruit salad day , community reach program.





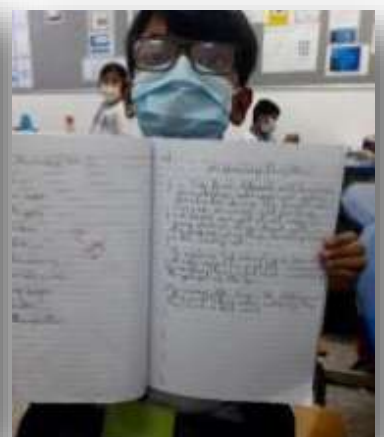
**HANDWRITING IS
MORE CONNECTED TO
THE MOVEMENT OF
THE HEART**

NATALIE GOLDBERG

HANDWRITING COMPETITION

**HANDWRITING IS AN
IMPRINT OF THE
SELF ON THE PAGE.**

The objective of Handwriting competition is to encourage and motivate students to improve and enhance their writing skills. Handwriting is an essential skill for students. It is an incredibly important exercise for students to encourage them to develop fine motor skills and confidence. It activates the brain and contributes to reading fluency. It provides students with an opportunity to display their competency of legible writing. Last week of every month, handwriting competition is conducted for Grades 1 to 6. The best handwritings are selected according to specific parameters and the students will be applauded for their splendid performance.



The Closing Ceremony of Math Month was filled with some mesmerising performances showcased by the very talented students of AJI Primary. With the support of all the teachers, the event turned out to be a grand success.

MATHEMATICS Month Closing CEREMONY

Glimpses of the ceremony

