

DEPARTMENT OF MATHEMATICS

CO-OPERATIVE ARTS AND SCIENCE COLLEGE, MADAYI

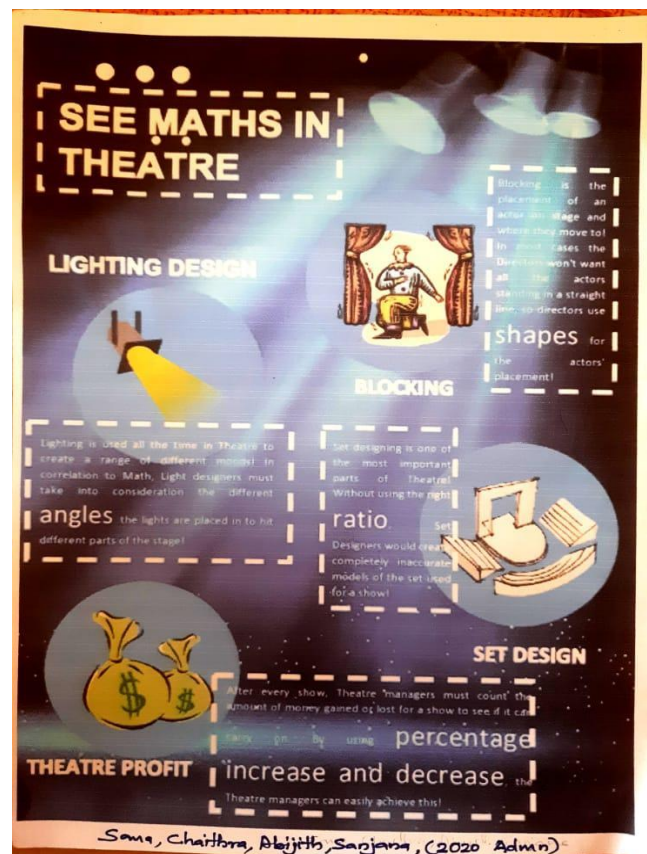
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Report: National Mathematics Day Celebration

Date: 22nd December 2022

As part of National Mathematics Day, students in the Department made digital posters on the topic “Mathematics in Nature”.




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MOVING AWAY FROM PLANET EARTH, WE CAN ALSO SEE MANY OF THESE SAME MATHEMATICAL FEATURES IN OUTER SPACE.



snowflake is also in the shape of a hexagon? THE MOST COMMON EXAMPLE OF NATURE USING HEXAGONS IS IN A BEE HIVE.



Abhis M (2020 Admn)

MATHEMATICS IN NATURE

polyhedron
It is a three dimensional solid bounded by a finite number of polygons called faces. Technically a polyhedron is the bounded between the interior and exterior of a solid.

Bilateral symmetry
A shape has reflectional symmetry or bilateral symmetry. When a line can be drawn to divide the shape in to halves so that each half is reflection to the others.

Fibonacci spiral
Fibonacci spiral pattern appear in many plants, such as pinecones, pineapple, and sunflower. The pattern consist of spiral that curve around a surface in both the "sinister" form and the "dexter" form.

golden ratio
It's call the logarithmic spiral and it a bounce in nature. Snail shell and nautilus shell follows the logarithmic spiral, as does the cochlea of the inner ear.

six fold symmetry
Each ring of six fold oxygen atoms has the six fold symmetry. That is, the ring looks the same when rotated by 1/6 of a turn.

sunflower

Nandana, Aswathi, Divyansha, Athulga (2020 Admn)

Symmetry
It is an important geometrical concept commonly exhibited in nature.

Fibonacci series
A series of numbers in which each number is the sum of two preceding numbers.

MATHEMATICS IN NATURE

Profit & Loss
The profit & loss statement is a financial statement that summarizes revenue, costs and expenses.

Sphere
The circle and it's 3-dimensional form, the spheres are powerful figures in nature.

50% OFF

NATURE'S GREAT BOOK IS WRITTEN IN MATHEMATICS'

Nitba, Manjima, Nandana (2021 Admn)

MATHEMATICS IN NATURE

Both of man's primitive urge to Seek order in his world. Mathematics is an ever-evolving Language for the study of Structure and pattern.

THE EARTH IS ALWAYS LIKE A SPHERE

showing cones in nature Mountains

Maths is a natural home of both abstracts thought and the laws of nature. If it at once pure logic and reactive art

The Laws of Nature are but the Mathematical thoughts of God

Archiya, Akshaya, Sanyu, Alaina, 2022 Admn