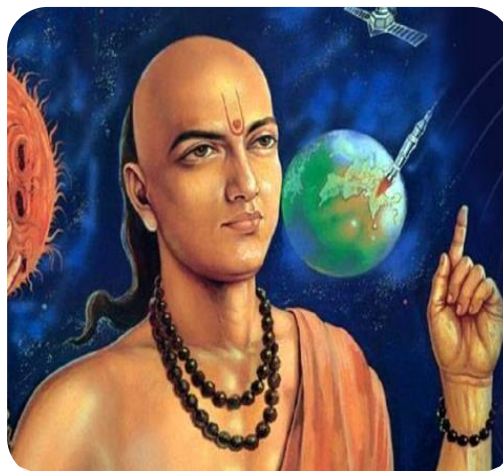
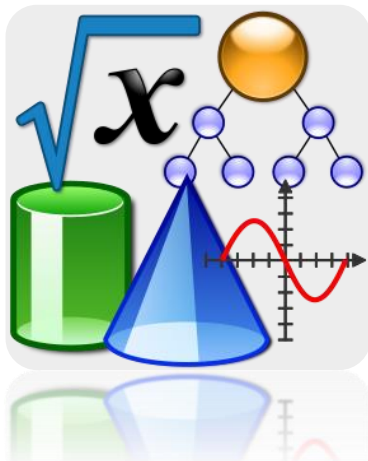




ARYABHATA CLUB ACTIVITY

OCTOBER 2023



D.A.V PUBLIC SCHOOL, THANE

Mathematics is the science that deals with the logic of shape, quantity and arrangement. Math is all around us, in everything we do. It is the building block for everything in our daily lives.

Mathematics makes our life orderly and prevents chaos. Certain qualities that are nurtured by mathematics include power of reasoning, creativity, abstract or spatial thinking, critical thinking, problem solving ability and effective communication skills.

Let's explore this exciting world of Mathematics with some fun activities!!!

ARYABHATA CLUB IS PLEASED TO ANNOUNCE THE FOLLOWING ACTIVITIES FOR STUDENTS OF STD VI TO X.

STD X :

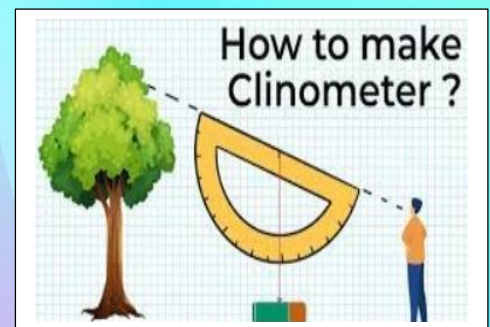
ACTIVITY # 1 : SUM OF THE DAY

ACTIVITY # 2 : MENTAL MATH QUIZ

ACTIVITY # 3 : (Choose Any One Activity)

TOPIC 1 : CLINOMETER

Make a clinometer to find the height and distance of a given object.

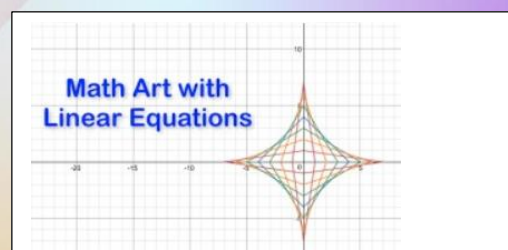
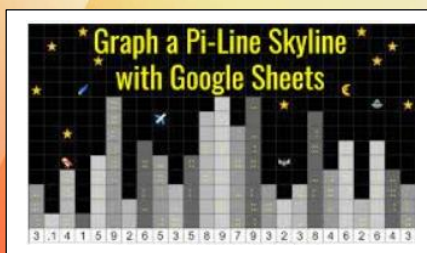


TOPIC 2: DESIGN WITH THE HELP OF GRAPHS.

Draw graphs of Linear Equations in One and Two variables to create beautiful designs and patterns.

TOPIC 3: PI IN THE SKYLINE

Make pi in the skyline by using only 18 decimal places of pi.

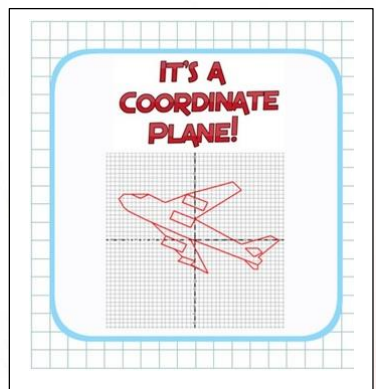


STD IX :

ACTIVITY # 1 : SUM OF THE DAY

ACTIVITY # 2 : MENTAL MATH QUIZ

ACTIVITY # 3 : (Choose Any One Activity)



TOPIC 1 : STRING DESIGN

Arrange coloured thread strung between points to form beautiful geometric patterns and designs.

TOPIC 2 : MATHEMATICAL BOARD GAME

Design a Board Game using mathematical concept.



TOPIC 3 : CARTESIAN PLANE MODEL/PYTHAGORUS MODEL

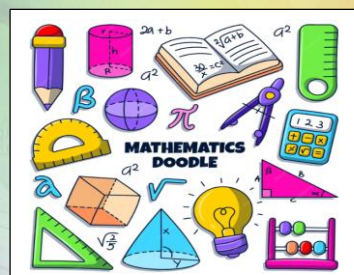
Create coordinate plane designs or Cartesian plane model or pythagorus model.

STD VIII :

ACTIVITY # 1 : SUM OF THE DAY

ACTIVITY # 2 : MENTAL MATH QUIZ

ACTIVITY # 3 : (Choose Any One Activity)



TOPIC 1 : MATHEMATICS DOODLE

TOPIC 2 : ADVERTISEMENT

Make a catchy advertisement/pamphlet depicting the sale of a product showing marked price and discount.

TOPIC 3 : DECORATIVE PEN HOLDER

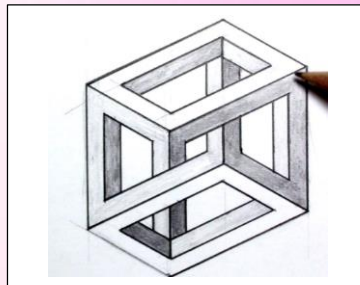
Make a cylindrical pen stand and find its volume and total surface area.

STD VII :

ACTIVITY # 1 : SUM OF THE DAY

ACTIVITY # 2 : MENTAL MATH QUIZ

ACTIVITY # 3 : (Choose Any One Activity)



TOPIC 1 : ILLUSION ART

Create an illusion art on A4 size paper by using geometrical shapes.

TOPIC 2 : WARLI PAINTING

Show the lifestyle of any major tribe of India using warli painting.

TOPIC 3 : MY DREAM HOUSE

Create your dream house using 3D shapes.



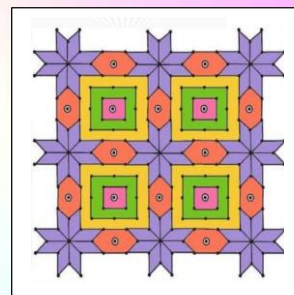
STD VI :

ACTIVITY # 1 : SUM OF THE DAY

ACTIVITY # 2 : MENTAL MATH QUIZ

ACTIVITY # 3 : (Choose Any One Activity)

TOPIC 1 : GEOMETRICAL MATH ART



Make a pattern by using geometrical shapes on an A4 size paper.

TOPIC 2 : MASTERPIECE OF MATHEMATICS (Rangoli/ Kolam/ Alpana)

Draw a rangoli pattern using mathematical concepts on an A4 size card paper.

TOPIC 3 : APPLICATION OF MATHEMATICS IN DAILY LIFE.

Make a PPT of 5 slides and submit the colour printout of the PPT and present it in the class.