



Bal Bharati
PUBLIC SCHOOL
Sector -21, Noida

ATL MONTHLY REPORT

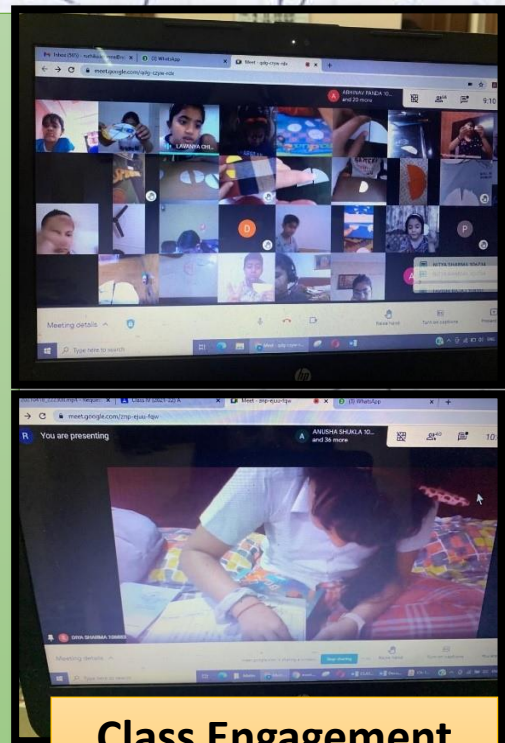
Subject: Mathematics Month: April

Number is the ruler of forms and ideas, and the cause of gods and demons.

As a pioneer in ATL Schools, our school's objective is to foster curiosity, creativity, and imagination in young minds and inculcate skills such as design mindset, computational thinking, adaptive learning, physical computing, rapid calculations, measurements, etc. To inculcate the skills of design mindset and adaptive learning, the theme for Mathematics activities for the month was "3D shapes & Pythagoras Theorem"

CLASSES: IV - V

Activity: Almost each and everything around us can be considered a 3D shape. These objects surround our daily lives. A lot of times, they go unnoticed. An activity of 3D shapes was conducted by the Mathematics teachers of classes 3-5 in which the teachers discussed about the various types of 3-D shapes and their use in daily life. Students were also taught how to make nets of basic shapes like cube, cuboid, cylinder and cone. Students enjoyed doing this activity during the class.



Class Engagement

Learning Outcomes: Students learnt about 3D shapes. They were encouraged to explore their everyday space for these shapes.



Aarna Gupta (5D)



Net of a CUBOID

Anshum Gupta (5C)

CLASS: VI

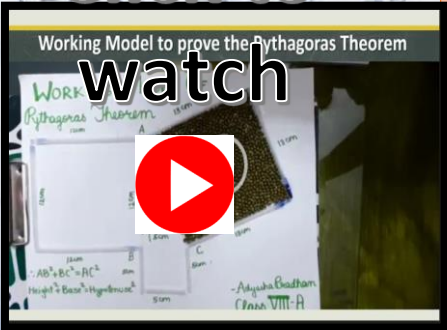
Activity: Students were asked to solve a real life situation based case study. Following worksheet was provided to the students and discussed in the class.

Learning Outcome: Critical and creative thinking of the students was enhanced. Students learnt real life application of the mathematical concepts.



CLASSES: VII - VIII

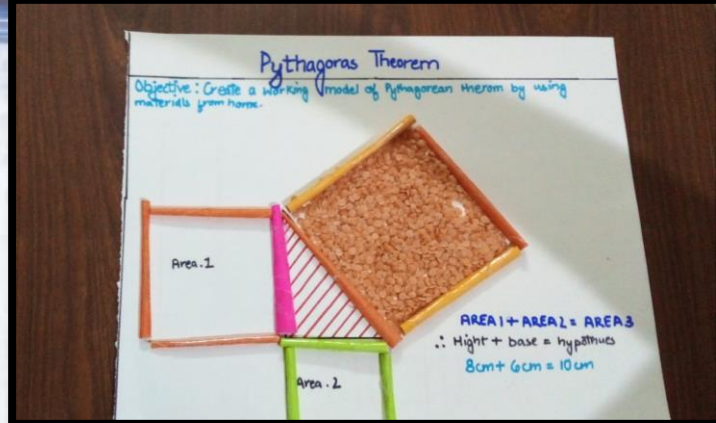
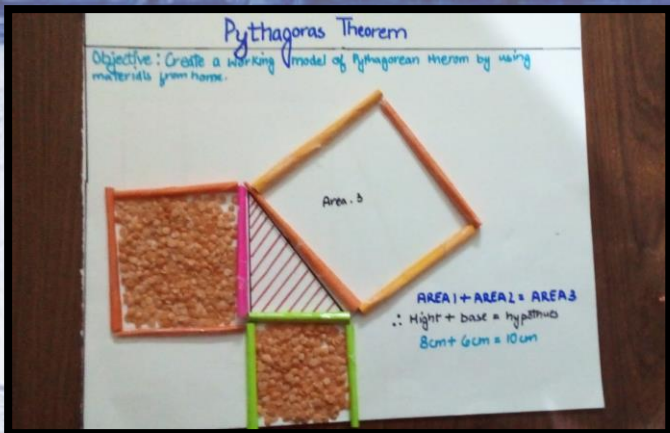
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Adyasha Pradhan (8A)

Activity: In this activity, Students verified Pythagoras Theorem by constructing a working model.

Learning Outcomes: Students learnt and verified Pythagoras theorem. Construction and Visual skills of the students were enhanced.



Neha Pandey (8A)

CLASSES: IX - XII

ACTIVITY: The Pythagoras Theorem holds true for squares of the sides of right-angled triangle. Students were asked to verify the Pythagoras theorem by replacing squares with any other regular polygon.

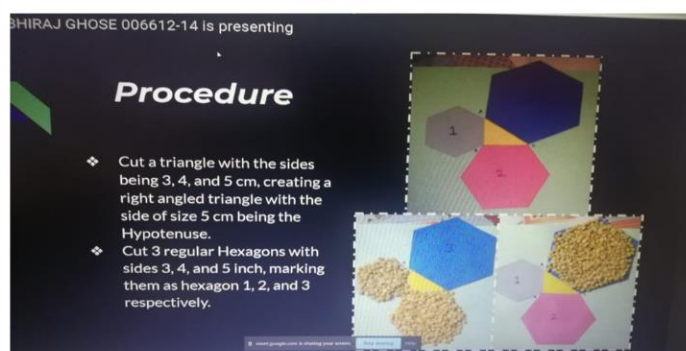
Students created working model and verified the modified theorem.

Learning Outcomes: Students elaborated upon their knowledge of Pythagoras theorem.

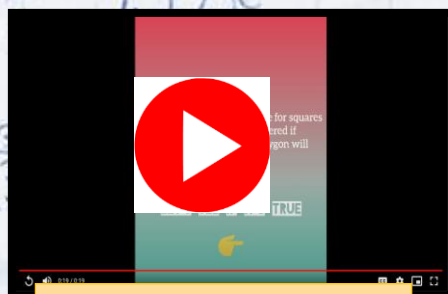
Construction and Visual skills of the students was enhanced



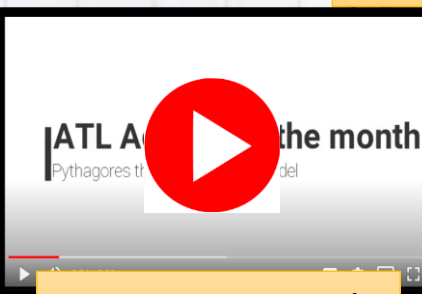
Mudit Maheshwari (11 A)



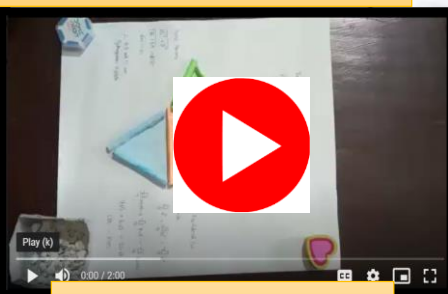
Abhiraj Ghose (11 A)



Vaishnavi Verma (9A)



Ayush Pandey (9A)



Tanvay Gupta (9A)

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Reported By: Vaishali Mittal (TGT Mathematics)