



BIRLA PUBLIC SCHOOL GANGANAGAR

(A Unit of Birla Education Trust Pilani)

(A step ahead.....)

CBSE Affiliation No. 1730974

Coordinate Geometry

“There is geometry in the humming of the strings, there is music in the spacing of the spheres..”

Maths Event Report: Coordinate Geometry

Date: November 4, 2023

Total no. of Students: 37

No. of Participants: 30

Objective: The objective of the mathematics event on Coordinate Geometry held at Birla Public School in Ganganagar was to foster a deeper understanding of coordinate geometry concepts among students and to promote a spirit of mathematical inquiry and problem-solving.

Methodology:

- Lecture and Explanation
- Practical Demonstrations
- Problem-Solving

Brief Note on the Event: Coordinate geometry is a branch of mathematics that combines algebra and geometry. It involves the study of geometric shapes using a system of coordinates, typically represented on a Cartesian plane. The primary concepts covered included:

The Cartesian Plane: Understanding the x and y axes, and how to plot points.

Equations of Lines: Learning to represent lines using slope-intercept and point-slope forms.

Distance and Midpoint: Calculating distances between points and finding midpoints.

Applications: Solving real-world problems, such as finding the equations of lines or determining intersections.

Outcome of the Activity:

The mathematics event on coordinate geometry at Birla Public School in Ganganagar was a resounding success. It achieved the following outcomes:

- Enhanced Understanding
- Improved Problem-Solving Skills
- Increased Enthusiasm for Mathematics
- Encouraged Critical Thinking
- Collaboration

Conclusion: In conclusion, the mathematics event on coordinate geometry at Birla Public School was a valuable educational experience, which not only enriched students' mathematical knowledge but also instilled a love for the subject. It emphasized the practical applications of mathematics, reinforcing its relevance in various aspects of life. This event served as an excellent platform for fostering an interest in mathematics and promoting mathematical literacy.

Evidence of Photographs with no. : 05

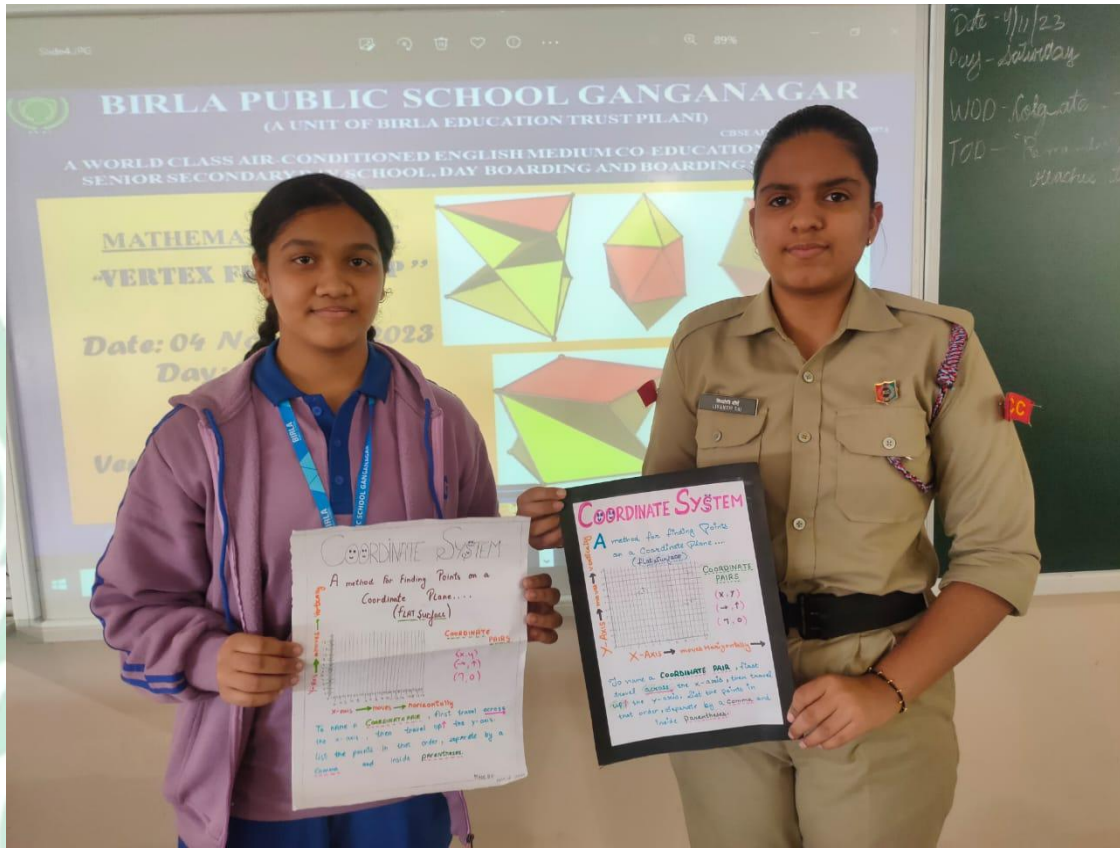


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Teacher Name & Signature with Date:

Mr. Vinod Kumar

4 November, 2023

Enclosure:

Poster and Circular of the event shared with parents/students and on different social media platforms.

ESTD. 2019



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A WORLD CLASS AIR-CONDITIONED ENGLISH MEDIUM CO-EDUCATIONAL CBSE SENIOR SECONDARY DAY SCHOOL, DAY BOARDING AND BOARDING SCHOOL

MATHEMATICS EVENT

“VERTEX FELLOWSHIP”

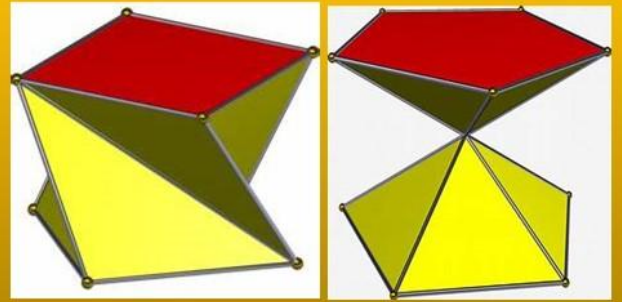
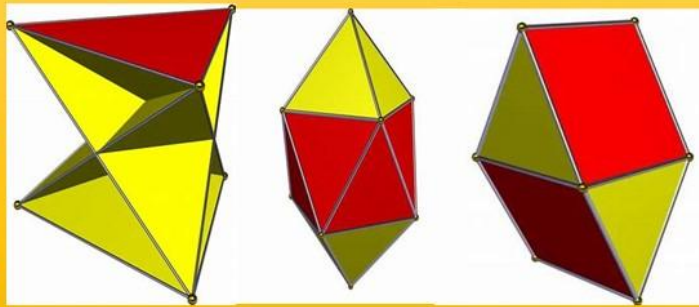
Date: 04 November 2023

Day: Saturday

for

Class: 9th

Venue: Mathematics Lab



 www.bpsg.edu.in

 BPS-Ganganagar

   Bpsganganagar

ESTD. 2019



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CIRCULAR

Dear Parents/Students,

“Mathematics teaches us that there is every reason to believe that every problem has a solution.”

Mathematics is a significant part of human logic and thoughts. It gives an effective way to create mental discipline and increases logical reasoning. The learning experience can enhance when the students relate their subject to real-life situations. Keeping the same in mind, BPSG is going to organise a Mathematics Event- Gr.9 Vertex Fellowship on 4 Nov, 2003.

For Class – IX

Event – Vertex Fellowship

The Topics for reference are as follow: -

- Plotting of points
- Mystery messages
- The coordinate system
- 2D world
- Coordinate Reflection

Rubrics for Assessment: Students will be assessed on the following parameters:

▪ Logical and Mental Reasoning	▪ Concept Clarity	▪ Mental Ability	▪ Accuracy
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Note:

- Students need to create and represent project on any of the above topic with innovative ideas
- They need to represent it after discussing its procedure and importance.
- Participation is compulsory for all.

Regards

BPSG