St. Cecilia's Public School
Maths Club Activity
Class: V
Date: 03.09.25
Organizer: Maths Club (Primary wing)
Title: Calculating HCF using Graph Paper

The Mathematics Club of Class 5 conducted an engaging activity on "Calculating HCF using Graph Paper" on 3rd September 2025. The objective of the activity was to help students understand the concept of Highest Common Factor (HCF) through a visual and hands-on approach.

Students were provided with graph papers and guided to represent two given numbers in the form of rectangular blocks. By marking and dividing the blocks into equal squares, they were able to identify the side length of the largest square that could exactly fit both rectangles. This side length represents the HCF of the given numbers.

The activity encouraged students to:

- Apply the concept of HCF in a practical way.
- Enhance their logical and analytical skills.
- Develop spatial understanding through visual representation.

The students actively participated and enjoyed the process of discovering HCF using graph paper. They found the method interesting and easy to grasp as compared to traditional calculations. Overall, the activity was successful in making the concept clear and interactive.