

St. Cecilia's Public School
Maths Club Activity
Classes: IV & V
Date: 19.04.25
Organizer: Maths Club (Primary Wing)
Title: Tic-Tac-Toe Using Digits 1–9

Objective:

To enhance logical reasoning, number sense, strategic thinking by engaging students in a fun and educational variation of the classic game Tic-Tac-Toe, using digits from 1 to 9.

Activity Description:

The classic Tic-Tac-Toe game was creatively modified by replacing Xs and Os with the digits 1 to 9. Students were paired and participated in the game, where they placed digits on a 3x3 grid. The objective was to be the first to complete a line (horizontal, vertical, or diagonal) where the sum of the three digits equaled 15 — the magic sum of a 3x3 magic square.

Learning Outcomes:

- Enhanced mental math skills and number manipulation
- Strengthened logical reasoning and planning
- Encouraged teamwork and healthy competition

Student Feedback:

Students found the activity both exciting and challenging. Many shared that it helped them think more deeply about number combinations and strategies. Some students even expressed a desire to play the game again in their free time.

Conclusion:

This innovative version of Tic-Tac-Toe successfully blended learning with enjoyment. It provided students with a dynamic way to reinforce math concepts while having fun. The activity was highly appreciated and will be considered for future sessions.