



BIRLA PUBLIC SCHOOL GANGANAGAR

(A UNIT OF BIRLA EDUCATION TRUST PILANI)

Session 2026 – 27



CBSE AFFILIATION NO. 1730974

Ref No. BPSG/2026-27/EC/0015-A

CIRCULAR

“MATHEMATICS EVENT: MATHS MARVELS CHALLENGE CLUB”

Reasoning & Analytics / Vedic Mathematics Club

“Think Smart, Calculate Fast, Reason Better!”

Dear Parents,

We are delighted to inform you that a Mathematics Activity titled “**Maths Marvels Challenge Club**” will be conducted for the students of **Class IX on 21 October 2026** during the regular Mathematics period in their respective classrooms.

Aim of the Activity:

The event is designed to develop students’ **mental mathematics, logical reasoning, analytical thinking, calculation speed, and problem-solving skills**. It will introduce students to interesting and effective techniques of **Vedic Mathematics and mathematical reasoning**, making calculations faster, easier, and more enjoyable.

Activities to be Prepared:

Students will participate in various challenges and activities based on the following:

- **Square of Two-Digit Numbers** – Learn quick and smart techniques to find squares mentally.
- **Sum of First n Natural Numbers** – Explore patterns and shortcut methods to calculate sums.
- **Multiplication Short Tricks** – Apply Vedic Mathematics techniques for faster multiplication.
- **Division Tricks** – Learn quick and efficient methods for solving division problems.
- **Mental Mathematics Challenges** – Solve mathematical calculations using logical and mental strategies.
- **Reasoning & Analytical Challenges** – Participate in puzzles and number-based challenges to strengthen logical thinking.
- **Number Patterns & Tricks** – Discover interesting patterns, shortcuts, and mathematical wonders.

Instructions:

- Students should come prepared with the basic concepts related to the above activities.
- Students will be encouraged to demonstrate the **method, logic, and shortcut** used to arrive at the answer.
- The focus will be on **speed, accuracy, reasoning, and smart calculation**.
- Students should participate enthusiastically and confidently.
- All activities should promote **original thinking and mathematical curiosity**.

We look forward to your support in encouraging your ward to participate enthusiastically and experience the joy of **smart calculations, logical reasoning, and mathematical discovery**.

Warm regards,
Department of Mathematics
BPSG