



ANNUAL VIVEK HIGH FIESTA 2026

“MATHOVATION 2026: Where Logic Comes to Life!”

A Dual Challenge of Creativity, Strategy, and Innovation!!

The Mathematics Department at Vivek High School proudly presents a competition where your ideas, imagination, and math skills come together to shape something exciting and meaningful. This is your chance to not just build something — but to think deeply, create with purpose, and design for the future.

In a world that grows more complex every day, mathematics is more than just equations on a page. It is a language of patterns, proportions, and possibilities - a tool that, when combined with Science, Technology, Engineering, and Art, can solve real problems and spark innovative solutions. **MATHOVATION 2026** invites you to step into the role of designer, thinker, innovator, and problem-solver, transforming everyday spaces with bold and creative ideas.

This Year’s Challenge is to

- **Invent a Mathematical Board Game:** Create a game that inspires critical thinking, strategy, and creativity through mathematics.
- **Design Mathscape-a Recreation Zone:** Imagine and build a space for fun, relaxation, and community, guided by smart, sustainable design.

We are looking for bold, thoughtful ideas that show how math can shape the world — not just through numbers, but through design, innovation, and creativity. Whether you’re building a model of a peaceful public space or crafting a board game that sparks logical thinking, this is your chance to let logic come alive through imagination.

DATE: 29 APRIL 2026

EVENT 1: BOARD GAME BATTLE

Theme: Mathematics Meets Strategy

Design and present an original math-based board game that is both educational and engaging! Let your gameboards come alive using variety of math concepts such as integers, geometry, probability, algebra, and logical reasoning— all within a 2 ft × 2 ft space.

EVENT 2: MATHSCAPE- A RECREATION ZONE

Theme: Smart, Sustainable, and STEAM-Powered!

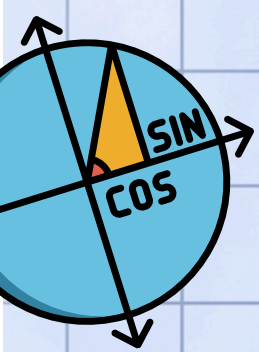
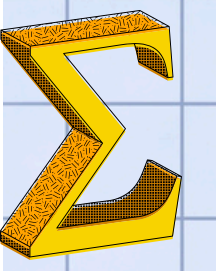
Create a working model of recreational zone using the principles of Science, Technology, Engineering, Art, and Mathematics.

Let your working models reflect eco-conscious design, simple mechanics, and smart solutions for a better tomorrow.

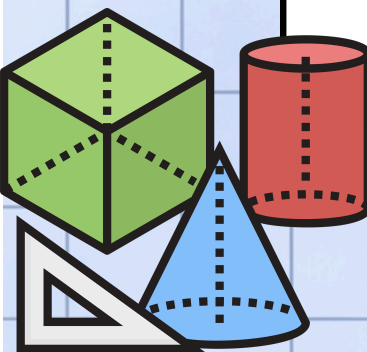
Showcase geometrical shapes 2D ,3D, pulleys, circuits, patterns, and proportions that solve real-world problems— all in a 2 ft × 2 ft base area.



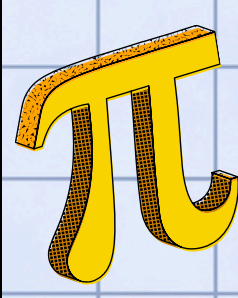
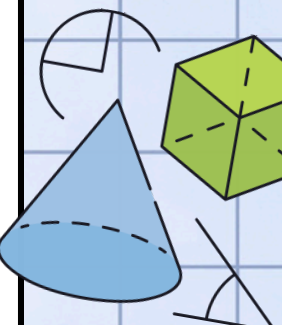
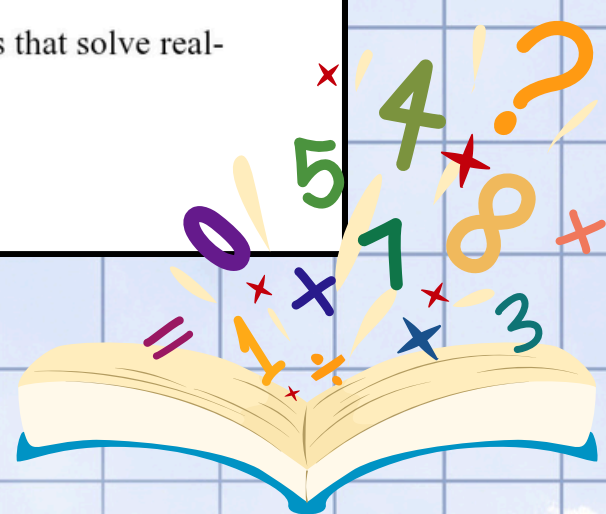
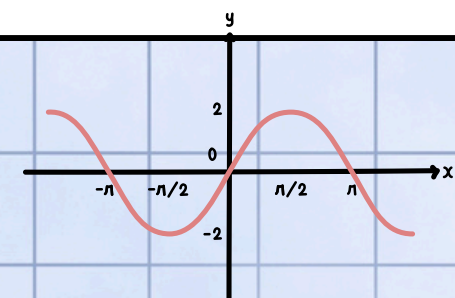
$$a^m / a^n = a^{m-n}$$



$$\lim_{x \rightarrow 0} f(x)$$



$$\frac{\Delta f}{\Delta x} = \frac{[f(x_0 + \Delta x) - f(x_0)]}{\Delta x}$$



ELIGIBILITY & TEAM STRUCTURE

- **Event 1:** Open to students of Grades 7 & 8
- **Event 2:** Open to students of Grades 9 & 10
- Each team must consist of **2 students**.
- Each school can submit 1 entry per event.
- Schools may participate in **either or both events**.
- For each event, the two students in a team may be from the **same grade** or from **two different grades** within the eligible grade.

GENERAL INSTRUCTIONS

- Teams must bring all essential materials required for their exhibit.
- Exhibits must be assembled exclusively at the venue.
- Each team will have 1 hour to set up their exhibit.
- Presentations must be limited to 2–3 minutes per team.
- Every exhibit must have a clear and suitable title assigned by the team.
- Use of additional charts, banners, or flex boards is not permitted.

SUSTAINABILITY NOTE:

Use of eco-friendly, recycled, or biodegradable materials is encouraged.

JUDGING CRITERIA

For both events, participants will be evaluated on:

- Creativity & Originality
- Mathematical Accuracy
- Functionality & Operational Efficiency
- Visual Appeal & Design
- Presentation & Explanation

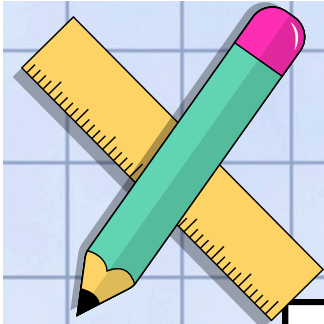
Let's bring learning to life— one model and one move at a time!

For any further queries or additional information, you may contact

Event 1: Ms Gunchan deep Kaur +91 98726 25854

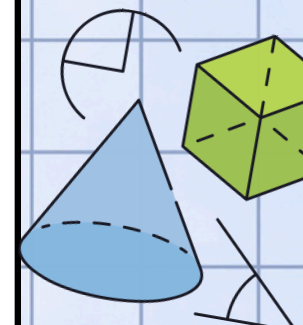
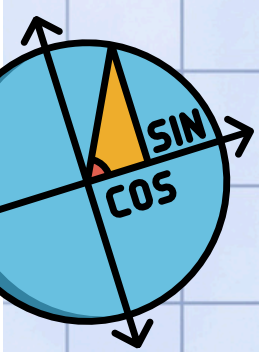
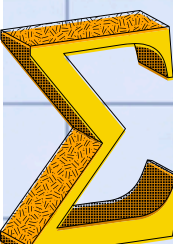
Event 2: Ms Mamta Choudhry +91 77195 39931

Event Coordinator- Ms Gaganjot Sachdeva +91 9815004830

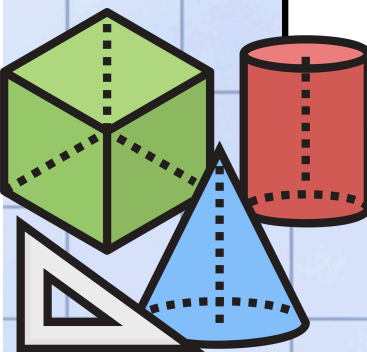
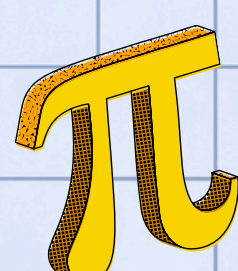


$$a^m / a^n = a^{m-n}$$

$$\int f(x) dx$$



$$\lim_{x \rightarrow 0} f(x)$$



$$\frac{\Delta f}{\Delta x} = \frac{[f(x_0 + \Delta x) - f(x_0)]}{\Delta x}$$

