

PODAR INTERNATIONAL SCHOOL, MANGALORE

Ref No:PIS/ACT/SEAT/2026-27/44.

Dear Parents / Guardians,

Greetings from Podar International School, Mangalore!

We are pleased to announce that our school will be organizing the annual **Science and Mathematics Exhibition Competition** on **30 October 2026** under the central theme **"IMPRINTS 2026-27"**.

This competition aims to nurture scientific temperament, innovation, and STEM learning across all age groups, giving students a platform to showcase their creativity and compete for top honors.

Below are the grade-wise competition categories, media requirements, and sub-themes:

COMPETITION CATEGORIES & SUB-THEMES

1. Grades 1 to 2: Science Drawing & Picture Competition (A4 Sheet)

Medium: A4 Size Sheet (Drawing, Coloring, or Picture-based Visuals)

Drawing pictures or visual concepts related to science, nature, and innovation (**imaginative future scientific inventions or ideas.**)

Sub-Themes:

- **Nature & Environment:** Green Plants, Clean Water, and Animal Habitats.
- **Health & Hygiene:** Healthy Food Choices, Good Habits, and Cleanliness.
- **My Tech World:** Simple Innovations, Future Vehicles, and Clean Energy.

2. Grade 3: Science & Innovation Chart Presentation Competition (Chart Paper)

Medium: Full-size Chart Paper

Draw, illustrate, and explain an **imaginative future scientific invention or idea**

Sub-Themes:

- **Future Gadgets & Robotics:** Imaginative inventions to help everyday human life.
- **Eco-Inventions:** Imaginative tools to clean the ocean, air, or soil.
- **Space Exploration:** Imaginative life setups on Mars or futuristic space stations..
- **Math in Everyday Life:** Shapes in Nature, Fun with Numbers, and Patterns Around Us.

3. Grades 4 to 6: Non-Working Model Making Competition

Medium: 3D Static Display / Physical Non-Working Model

Sub-Themes:

- **Sustainable Agriculture & Biodiversity:** Organic Farming setups, Plant/Animal Cell structures, and Eco-friendly Habitats.
- **Waste Management & Plastic Alternatives:** Segregation systems, Recycling displays, and Eco-bricks.
- **Water Conservation & Ecosystems:** Rainwater Harvesting static layouts and Drip Irrigation models.
- **Math & Architecture:** Imaginative futuristic bridges, buildings, and pattern inventions.

4. Grades 7 to 10: Working Models & Prototypes Competition

Medium: Functional Models, Interactive Prototypes, or Mathematical Applications

Sub-Themes:

- **Green & Renewable Energy:** Wind Power Generators, Solar Trackers, and Hydroelectric Demos.
- **Emerging Technologies & Smart Solutions:** Smart Street Lights, Automated Irrigation, and Hydraulic Systems.
- **Recreational Mathematical Modelling:** Practical applications of Geometry, Trigonometry, or Statistics in real life.
- **Mathematical Shapes & Geometry in Architecture:** Models demonstrating 3D Geometric Solids, Symmetry in Buildings, or Fraction/Angle visualizers.

EVALUATION & JUDGMENT CRITERIA

Entries will be evaluated by an expert panel of judges based on the following parameters:

- **Creativity & Originality:** Unique concept and personal effort.
- **Scientific Thought & Relevance to Theme:** Clear understanding of scientific concepts aligned with sub-themes.
- **Presentation & Neatness:** Quality of visual design, model structure, or chart layout.
- **Explanation & Viva:** Presenter's ability to explain the project and answer judges' questions clearly (applicable for all categories).

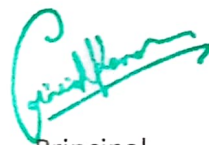
RULES AND GENERAL GUIDELINES

1. **Participation:** Open to individual entries or groups of **maximum 3 students**.
2. **Registration:** Submit student names, group details, chosen sub-theme, and project title to the respective Class Teacher on or before **22 October 2026**.
3. **Prohibited Projects:** Volcano models and simple, unintegrated basic circuit board setups **will NOT be accepted**.
4. **Safety & Materials:** Use of hazardous chemicals, open flames, or unsafe high-voltage electrical connections is strictly prohibited. Eco-friendly materials are strongly encouraged.
5. **Display Requirements:** Entries for Grades 4–10 must include an **explanatory chart** clearly stating the Title, Sub-theme, Scientific Principle, Working Mechanism, and Real-world Utility.
6. At least one designated student presenter must be present at the stall/display area to demonstrate and explain the concept to judges and visitors.

We encourage all students to participate enthusiastically and showcase their innovative ideas!



In-charge



Principal