



# Club name: **NUMBER NINJAS**

## **Introduction**

The Maths Club has been actively engaged in promoting mathematical skills and awareness among students throughout the academic year. This report highlights the various activities undertaken by the club and their outcomes.

## **Objectives:**

- To encourage creativity and problem-solving skills in mathematics
- To develop critical thinking and analytical skills
- To promote teamwork and collaboration among students
- To create awareness about the importance and relevance of mathematics in real-life scenarios

## **Outcomes:**

- Students demonstrated improved problem-solving skills, creativity and critical thinking.
- Participation in maths-related activities will increase significantly.
- Students will develop a better understanding of mathematical concepts and their applications.
- The club helps to create a positive attitude towards mathematics among students.

## **Things to do in a mathematics club:**

- ❖ To conduct seminar, workshop, exhibition, Quiz competition, detective games, card games, jokes, treasure hunts, math arts, math video, dice games, math tricks video for creating interest in children.
- ❖ To motivate the children for solve mathematics through activities.

- ❖ To help the children in problem solving and model making in exhibition
- ❖ To decorate a mathematics laboratory with mathematicians' photos, math formulas and models.

**Special activities planned for the Academic Year 2025 - 26:**

Topics	Month	Activity
Monthly club Activity	<ul style="list-style-type: none"> <li>● June</li> <li>● July</li> <li>● August</li> <li>● September</li> <li>● October</li> </ul>	<ul style="list-style-type: none"> <li>● Introduce the Math Club and its objectives to the students.</li> <li>● Math-themed coloring pages, basic addition and subtraction games.</li> <li>● Math scavenger hunt, basic fractions introduction.</li> <li>● Making Clock using paper plate and match sticks</li> <li>● Number Art</li> <li>● Roman Numerals using match sticks</li> <li>● Prepare the animal using fraction cutouts (<math>\frac{1}{2}</math>, <math>\frac{1}{4}</math>, etc.)</li> <li>● Models of solid shapes</li> <li>● Geometrical City / Park Using solid shapes</li> <li>● Introduce math puzzles, such as Sudoku and KenKen, to help students develop problem-solving skills.</li> <li>● Math in real life - scenarios</li> <li>● Math-based team-building activities, algebraic expressions introduction.</li> <li>● Math Olympiad training, advanced algebra and calculus review.</li> <li>● Organize geometry-based games, such as "Geometry Bingo".</li> </ul>

Mathematics Exhibition or Mathematics Fair	November	<ul style="list-style-type: none"> <li>● Organize field trips to math-related destinations, such as science museums.</li> </ul>
National Mathematics day	December	<ul style="list-style-type: none"> <li>● Celebrate Math Awareness Month with math-themed events.</li> <li>● Speech on Contribution of Indian Mathematicians.</li> </ul>
Math Competition Month / Math and Art Month	<ul style="list-style-type: none"> <li>● January</li> <li>● February</li> </ul>	<ul style="list-style-type: none"> <li>● Participate in the Math Olympiad competition.</li> <li>● Have students create art using mathematical concepts</li> <li>● Poster Making- Have students take photos of real-world examples of mathematical concepts.</li> </ul>
International Mathematics day or Pi day ( $\pi$ )	March	<ul style="list-style-type: none"> <li>● Celebrate Pi Day with math activities and games.</li> <li>● Basic pi introduction.</li> <li>● Pi recitation, pi-themed puzzles.</li> <li>● Pi calculation, pi-themed math modeling.</li> <li>● Advanced pi topics, pi-themed math applications.</li> </ul>

### Students' Reflections on the activities conducted:

- Making working models and the activities turned out to be a fun activity.
- There is a lot of learning from each other when creative activities are executed in terms.

- It is great to know that art, physics, and design thinking can be integrated in learning Mathematics.
- Students felt that they are confident to apply in real life the concepts on which they could successfully create working models.

## Conclusion:

The Math Club is a vibrant and engaging community of students who share a passion for mathematics. Throughout the year, we will explore various mathematical concepts, develop problem-solving skills, and apply math to real-world scenarios.

Our activities have not only deepened our understanding of mathematics but also fostered teamwork, critical thinking, and creativity. We will celebrate mathematical milestones, such as Pi Day, and invite guest speakers to share their experiences in math-related fields.

As we reflect on our journey, we look forward to continuing our mathematical explorations and sharing our enthusiasm with others.



## CLUB NAME : SPACE ODYSSEY

***"The universe is vast, mysterious, and sometimes beyond human comprehension. As members of the Astronomy Club, we embrace this mystery, diving into exploration with curiosity and wonder."***

*We are a group of passionate individuals who share a love for exploring the universe and learning about the wonders of astronomy, offering a platform for stargazing, discussions, and hands-on activities for all levels of interest. Astronomy is the scientific study of celestial objects and phenomena beyond Earth's atmosphere, encompassing everything from planets and stars to galaxies and the universe's origins.*

## Our vision

*Aims to ignite a passion for the cosmos, foster a community of curious minds, and promote a deep understanding of the universe through exploration, learning, and scientific inquiry*

### *Ignite Curiosity and Passion:*

- *Create a fun and engaging environment where students can explore their curiosity about the universe.*
- *Encourage students to ask questions, explore, and seek answers through observation and experimentation.*

### *Activities to achieve the vision:*

- *Provide educational resources and activities to help students learn about astronomy, including celestial objects, the solar system, and the universe.*
- *Organize lectures, workshops, and field trips to enhance their knowledge and understanding.*

### *Develop Practical Skills:*

- *Train students to use telescopes and other astronomical tools for observation and analysis.*
- *Provide opportunities for hands-on activities, such as planetarium visits, and building models using new and innovative materials.*

### *Special Events*

TOPICS	DATE	EVENT
National Space Day	Aug 23rd	Quiz Competition
Science fair	Nov(tentative)	exploring and conducting space lectures and making models
Games and puzzles	June(tentative)	Incorporating games and puzzles



# GREEN GUARDIANS

*"Let's nurture the nature so that we can have a better future"*

As we move into the coming year, it's important to reflect on how our daily habits and choices impact the environment. With climate change and environmental degradation at the forefront of global concerns, taking steps to reduce our ecological footprint has never been more crucial. An eco-friendly year plan serves as a roadmap to help us live more sustainably and responsibly.

## Vision

The vision of this Eco-Friendly Year Plan is to inspire individuals and communities to adapt sustainable practices that reduce their environmental impact. By making conscious choices in areas like waste reduction, energy efficiency, and sustainable eating, we aim to create a more balanced and harmonious relationship with the planet. The ultimate goal is to foster a culture of sustainability, where every action contributes to a healthier environment for the future generation and to reiterate the concept of **5R's** (Reduce, Reuse, Recycle, Refuse, Repurpose).

## Objectives

**Reduce Environmental Impact:** To minimize waste, conserve energy, and decrease carbon footprints through sustainable practices in daily life.

**Promote Sustainable Consumption:** Encourage the use of eco-friendly products, reduce single-use plastics

**Engage in Community Action:** Inspire collective efforts for environmental preservation, such as participating in clean-up events, promoting local gardening, and advocating for eco-friendly policies.

**Cultivate Long-Term Sustainability:** Establish habits and systems that create lasting positive environmental change, ensuring that sustainability becomes a part of everyday life for individuals and communities.

## Special Events

<b>Sl.no</b>	<b>Events</b>	<b>Month</b>	<b>Details</b>
1	Monthly club activities: Zero-Waste Journey	<p>June and July</p> <p>August and September</p> <p>October and November</p> <p>December and January</p> <p>1. February and March</p>	<p>Each month, the Eco Club introduces a new sustainable habitat.</p> <p>Reusable Water Bottles (Swap single-use plastic bottles for reusable ones)</p> <p>Cloth Shopping Bags (Swap plastic bags for cloth or reusable ones)</p> <p>Eco-Friendly Cleaning Supplies (Swap harsh chemical cleaners for natural or DIY cleaners)</p> <p>Zero-Waste Lunchboxes (Swap disposable lunch containers for reusable options like stainless steel or bamboo)</p> <p>Water and Energy-Saving</p>
2	World environment day	June 5	Awareness about creating a sustainable environment.
3	Van Mahotsav	July 1 to 7	Activities like seed sowing,nature walk and tree identification or seed bombing
4	World Water day	March 22	Activities like painting, creating posters or water cycle models.