



## ENVIRONMENT DAY 2026-27

**Date:** 05/06/2026

**Activity:** World Environment Day Celebration

### Objective:

- To create awareness about environmental conservation among students.
- To encourage students to take responsibility for protecting and preserving nature.
- To promote sustainable practices and environmental stewardship.
- To develop teamwork and active participation through environmental activities.

### Key Highlights:

#### *Special Assembly:*

1. A special assembly was conducted by the Scientia Club to mark World Environment Day.
2. The celebration began with a special assembly based on the theme "**Inspired by Nature. For Climate. For Our Future.**" Students shared meaningful thoughts, messages, and a poem highlighting the importance of protecting the environment, combating climate change, and adopting sustainable habits in daily life.
3. The assembly encouraged students to learn from nature and contribute towards building a greener future.



### **Sapling Plantation Drive:**

1. A sapling plantation activity was organized on the school campus.
2. Students actively participated in planting saplings and learning about the importance of trees.
3. The activity helped students understand the role of plants in maintaining ecological balance.
4. The plantation drive fostered environmental responsibility, teamwork, and a sense of care for nature.



### **Acknowledgement:**

The Scientia Club extends its heartfelt gratitude to *Ms. Renuka* for her valuable guidance and support throughout the event. Special thanks are also due to *Sir Manish* for his assistance in organizing and conducting the activities smoothly. Appreciation is extended to *Ms. Noela* for beautifully capturing the memorable moments of the celebration through photographs.

### **Conclusion:**

The World Environment Day celebration was a great success. The activities inspired students to become responsible citizens and reinforced the message that every small effort towards protecting the environment can make a significant difference. The event served as a meaningful reminder of our collective responsibility to create a sustainable future.

### **Team Members:**

Ms. Renuka  
Ms. Pratima Dmello  
Ms Delilah Nunes  
Ms Deepali



## Creating a Hospital Set-Up in School 2026-27

Date: 24/07/2026

**Activity:** Mock Hospital Simulation (Creating a Hospital Set-Up in School)

### Objective:

- To understand the structure and functioning of a hospital and its various departments.
- To learn the roles and responsibilities of healthcare professionals.
- To develop practical skills in basic patient care and healthcare documentation.
- To promote awareness regarding health, hygiene, patient safety, and ethical healthcare practices.

### Key Highlights:

#### *Introduction to Healthcare Services:*

1. Students were introduced to the concept of healthcare services and the vital role hospitals play in society.
2. They learned about different hospital departments and the responsibilities of healthcare professionals.
3. The discussion helped students appreciate the importance of quality healthcare and patient well-being.



#### *Mock Hospital Set-Up:*

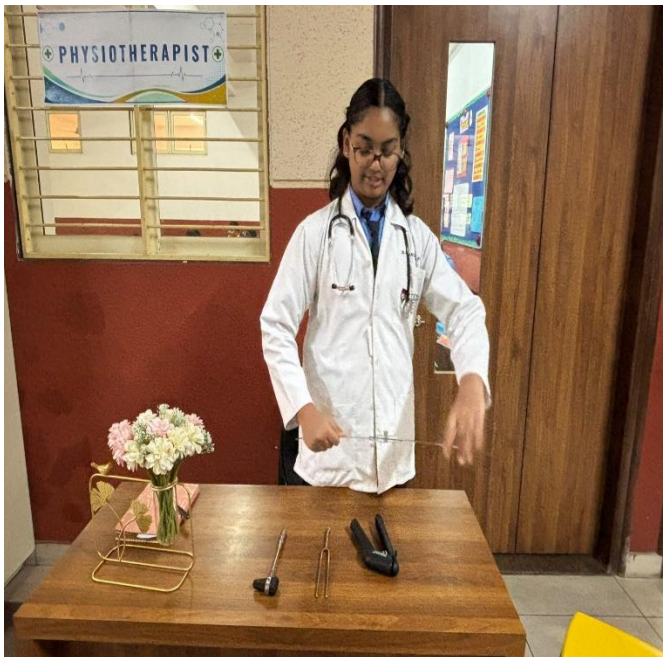
1. Students transformed their classroom into a mock hospital comprising a Reception Desk, OPD, First Aid Room, Pharmacy, and Patient Waiting Area.
2. Hospital signboards, patient registration forms, charts, and basic healthcare supplies were used to create a realistic hospital environment.

3. The activity emphasized the importance of cleanliness, organization, and safety in healthcare settings.



### ***Role Play and Patient Care Activities:***

1. Students actively participated by taking on the roles of doctors, nurses, receptionists, pharmacists, and patients.
2. They practised patient registration procedures and demonstrated basic healthcare practices such as measuring body temperature and pulse rate.
3. Students learned and applied basic first-aid techniques while understanding the significance of responsible patient care.



### ***Documentation and Communication Skills:***

1. Students maintained simple patient records and observation sheets to understand the importance of healthcare documentation.
2. Patient case scenarios encouraged problem-solving, decision-making, and effective communication.

3. The activity fostered empathy, teamwork, leadership, and professionalism among students.



**Conclusion:**

The Mock Hospital Simulation activity was a great success. It provided students with valuable experiential learning opportunities and helped them understand the functioning of healthcare systems in a practical and engaging manner. The activity encouraged teamwork, empathy, responsibility, and essential life skills while inspiring students to appreciate the contributions of healthcare professionals and the importance of quality healthcare services in society.

**Team Members:**

Ms Renuka  
Ms Pratima Dmello  
Ms Pratima Vartak  
Ms Delilah Nunes  
Ms Susan Sibin  
Ms Deepali Babul



## HYDROPONIC FARMING USING THE WICK METHOD

**Date: 20/06/2026**

Hydroponic farming is a modern and sustainable method of growing plants without the extensive use of soil. To help students understand this innovative farming technique, the Scientia Team conducted an activity on Hydroponic Farming using the Wick Method. As part of the activity, a used 2-litre PET bottle was converted into a self-watering planter by cutting it into two parts. The bottle cap was carefully pierced, and a cotton wick was inserted through the hole. The bottom half of the bottle was filled with water to serve as a reservoir, while the top half was filled with soil as the growth medium. A healthy seedling was then planted in the moist soil.



The cotton wick continuously transported water from the reservoir to the plant through capillary action, ensuring that the soil remained adequately moist. Students regularly observed the plant's growth and monitored its water requirements, gaining practical insights into the functioning of a hydroponic wick system.

This hands-on activity demonstrated an easy, low-cost, and water-efficient method of growing plants. It also highlighted the importance of water conservation, recycling plastic bottles, and adopting sustainable farming practices. The activity successfully encouraged scientific thinking while helping students develop observation, environmental awareness, and practical skills.



The Hydroponic Farming activity conducted by the Scientia Team provided students with a hands-on understanding of sustainable and water-efficient farming techniques. It encouraged environmental responsibility, scientific thinking, and the adoption of simple eco-friendly practices for a greener future.

**Team  
Scientia**

## Scientia Science Explorers: Learning Through Experiments

**DATE: 18/07/2026**

The Scientia Club organized an exciting and interactive Science Experiments session to encourage scientific thinking, creativity, and hands-on learning among students. The session featured a variety of simple yet engaging experiments that helped students understand scientific concepts through observation and participation.



Students explored the fascinating world of *magnetism* by observing magnetic field lines using bar magnets and iron filings. They learned how magnetic forces act around magnets and how magnetic fields can be visualized. Another experiment demonstrated the property of surface tension of water, where students observed how certain objects can float on water when handled carefully.

The session also included demonstrations on *static electricity*, where students observed the attraction and repulsion of lightweight objects, helping them understand the basics of electric charges. Experiments on air pressure and buoyancy showcased how invisible forces around us influence the movement and behaviour of objects.



An informative demonstration of the *human skeletal* system using a life-sized skeleton model enabled students to learn about the structure and functions of bones, different types of joints, and the importance of maintaining skeletal health. The interactive discussion made the concepts more relatable and interesting for young learners.



Students were also introduced to:

- The properties of magnets and their everyday applications.
- Surface tension and capillary action in liquids.
- Air pressure and its effects through simple demonstrations.
- Static electricity and electrostatic forces.
- The human skeletal system and its functions.
- Observation-based activities that encouraged critical thinking and scientific inquiry.

The hands-on activities allowed students to ask questions, make predictions, and draw conclusions based on their observations. The enthusiasm and active participation of the students reflected their growing interest in scientific exploration.

**Conclusion:**

The Science Experiments session conducted by Scientia Club was an enriching and enjoyable learning experience. By combining theory with practical demonstrations, the activity nurtured curiosity, observation skills, and a scientific temperament among students. It successfully highlighted that science is not only found in textbooks but is also present in the world around us, inspiring students to explore, experiment, and learn.

**Team****Scientia**