SCIENCE WEEK REPORT 2023

The science week, held from 17.10.2023 to,21.10.2023 was a dynamic and enriching experience for all participants. Aimed at promoting scientific engagement and learning, the week was filled with a diverse range of activities and events that captured the imagination of students. Given below is the compiled report of each class.

Class- IV

Topic-Recycle to Upcycle-A Toy Story

Theme: Build a toy from recyclable or reusable material.

Students participated whole heartedly in the activity assigned to them. Students made wonderful and creative toys from the reusable materials kept at their home. They also shared the working of their toys with their classmates.



Class- V

Topic- MAKE A STATEMENT

Theme: Effect of climate change on ice dependent species.

Students of grade 5 participated in the activity "Make a statement" in which they had chosen any one ice dependent species like polar bear, seal, walrus, penguin and explained their adaptive features which help them to survive in extreme cold climatic conditions. They also discussed the impact of climate change on these species and various ways to protect them.



Class- VI

Topic-ECONOVATOR

Theme: Build a Solar Oven

Students made Solar Oven, by using the waste materials like shoe box, foil paper etc. They participated in this activity enthusiastically and enjoyed a lot. Students understand that we should shift our energy needs to a renewable resources and explain the importance of using renewable resources in our daily life.



Class- VII

Topic-Making of an electromagnet

Students made an electromagnet using the materials they had brought. First a video was shown to the students to teach them the steps of the construction. This was followed by a discussion in which students shared where electromagnets are used.



Class- VIII

Topic: Understanding Air Pressure.

Air pressure is a fundamental concept in physics, and understanding it is crucial for various scientific applications. In this session got to understand the concept of air pressure, its effects, and practical applications. The session began with a theoretical introduction to air pressure, explaining the concept.

Students participated in making simple barometers using glass jars, straws, and water. They understood how changes in air pressure affected the water level inside the straw, providing a

practical insight into barometric readings. They also performed Water Glass and Card Experiment



Class-IX

Topic- (i) To demonstrate Newton's third law motion.

(ii) To demonstrate sound can travel through solids.

To begin the session, a thorough explanation of Newton's third law of motion was explained. Newton's third law states that for every action in nature there is an equal and opposite reaction. To gain an hand on experience students performed simple experiment with balloons, string and straw. To understand that sound can travel through solid, students made cup phone.





Class- X

TOPIC – MAKING MODELS OF IONIC AND COVALENT COMPOUNDS

The students learn the difference between ionic and covalent bonds in chemistry. They learn how to show transfer of electrons in ionic bond by curved arrows and the sharing of electrons by dots and crosses in covalent bonds. Students participated in the activity with a lot of enthusiasm. They made various models of ionic compounds like sodium chloride, magnesium oxide, magnesium chloride, calcium oxide, etc. They also made models of covalent compounds like hydrogen chloride, carbon tetra chloride, etc.



Conclusion: The science week served as a catalyst for igniting a passion for science and technology, nurturing a generation of inquisitive minds eager to explore the wonders of the universe. By cultivating a culture of scientific curiosity and fostering collaborative learning, we are confident in our ability to inspire future breakthroughs and innovations that will shape a brighter and more sustainable future for all.