

SCIENCE WEEK CELEBRATIONS

Date: April 18-21, 2017

Venue: School Campus

Students participation level: Grades 1-12

Types of activities: Individual and Group

The theme for the **Science week “Earth Remediation-Reconnecting with Nature”** aimed at enabling the students to get an insight into the immense contribution of science and technology in various fields of their lives and to make them realize the importance of restoring the deteriorating quality of the environment.

Students of Classes I-V participated in activities like preparation of *Earth Day badges and decorating them with slogans, making of bird feeders using recycled materials display of beautiful indoor plants like Lavender, Aloe Vera, Money plant, croton’s* etc, followed by a discussion on their importance. They also portrayed the importance of five elements of nature and demonstrated activities based on air, water and energy.



For Classes VI-X, the treasure of activities included **Aerology**-studying the properties of air through activities and demonstrations. They explained the importance of ozone layer through a role play in respective classrooms using stories and props. To reiterate on the importance of various elements, the students discussed and demonstrated the importance of any one element of their choice. Students of also gave a demonstration on reducing carbon footprint by using food waste as fillers in tubes. Last but not the least, the students prepared and presented the

working of an *Electrostatic Smoke Precipitator* and its use in cruiser bikes, thus providing a solution to the rising *SPM levels* due to the vehicular pollution. Also they performed an activity to prove the increase in reaction time up to *125%*, while using cellphones.

Students of Classes XI -XII, showcased their research based projects on themes like **Greywater** -its collection, analysis and treatment to make it fit for use in school garden, **Algaculture**- preparation of biodiesel using regenerated algae, To study the *impact of aspirinated water on growth rate of plants* and an attempt to prepare *bioplastics from banana peels*.



To engross everyone in the fervor, two open challenges were given and the best responses were awarded. The Science week culminated on a positive and sensitizing note in a hope to make our environment live more longer.