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SPACE Explorers Workshop on Magnificent Family of Sun

SALWAN PUBLIC SCHOOL, MAYUR VIHAR

12th August 2015

SPACE Explorer workshop is a collection of one day programs which focus on teaching Space Science and Astronomy to students through practical hands on experience. The students get an out of textbook learning experience, which help them develop their knowledge base as well as life skills.

- They are involved in group activities which inculcate team work and leadership skills.
- They are made to answer critical thinking questions which inculcate logical reasoning skills.

The whole philosophy of the workshop is

I do - I understand

I understand – I learn

Introduction

A workshop named “**Magnificent Family of Sun**” was conducted in Salwan Public School, Mayur Vihar on 12th August 2015 for students of grade III-V. 60 Students attended this workshop. The duration of the workshop was 90 minutes.

Participants were introduced to Solar System objects such as Sun, planets, comets, asteroids and dwarf planets. They learnt about various facts about these objects and their place in the solar system. Students also solved puzzle of solar system objects to get clues that will help them to find these objects placed in a pool of balls called as solar family pool. With the objects found from the pool, they completed a solar system model by placing all the objects in their designated sequence.

Learning Outcomes

1. Students will learn why solar system is called as family of Sun
2. Students will learn that the Sun acts as parent and hold the solar system objects with gravity
3. Students will identify different colours of the objects in the solar system
4. Students will learn to differentiate between comets and asteroids
5. Students will learn to differentiate between planets and dwarf planets
6. Students will understand that planets are spherical in shape, either made of gas or rocks and the characteristics

SPACE TECHNOLOGY ANDEDUCATION PRIVATE LIMITED

WZ-19, Asalatpur, A-3 Block, Janakpuri, New Delhi-110058. Phone: +91-11-45086320, 25522193

Fax: +91-11-25532193. E-mail: getintouch@space-india.com Website: www.space-india.com,

www.universeintheschool.com



Students learnt about the family of Sun



Students learnt the features of the Solar System objects such as Sun and Planets



Students made the puzzle of various Solar System Objects



Students took part in Puzzle making competition and identified the objects they would search from Solar System Pool



Students found the correct planet ball from the Solar System Pool



Students searched for the planet balls with correct features from the Solar System Pool

The workshop was well appreciated by the teachers and the school management. The SPACE team got amazing feedbacks.

Submitted By:

Aanchal Tandon
Sr. Educator
SPACE