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SPACE Explorers Workshop on Lift Off!

SALWAN PUBLIC SCHOOL, MAYUR VIHAR

August 12, 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 “**Lift Off!**” was conducted in Salwan Public School, Mayur Vihar on August 12, 2015 for students of grade I - II. 50 Students attended this workshop. The duration of the workshop was 90 minutes.

Participants were introduced to the idea of rockets as a space vehicle and its working principle. The working principle i.e., Newton’s third law of motion was introduced and demonstrated to them through a balloon rocket and car, without actually stating the same. Once they understood it, they applied the same in different types of rockets

Students then enjoyed working hands on to launch their own pop rocket flying high by using easily available kitchen material i.e. Eno and water, as rocket fuel.

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Learning Outcomes of the workshop

1. Students understood about space and rocket.
2. Students learnt about the principle behind rockets, i.e. Action- Reaction principle, through various activities.
3. Students learnt about the shape of a rocket.
4. Students were introduced to pop rockets and they learnt why it is also called as a rocket.
5. Students launched their own pop rockets.

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

Submitted By:

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