

Date: -17th Oct'15

Ref. No:- SPACE/DEL/ACS/SWH/2014-70/15-3185

SPACE Explorers Workshop on Rocket- A Space Vehicle

Salwan Public School, Mayur Vihar, Delhi

October 07, 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 “**Rocket- A Space Vehicle**” was conducted in Salwan Public School, Mayur Vihar, Delhi on October 07, 2015 for students of grade 3 to 5. 58 Students attended this workshop. The duration of the workshop was 90 minutes.

In this workshop, Students realized that even as simple and as omnipresent thing like air can be used as a fuel to launch rockets which flies to great heights and lengths. They learnt about the power and magic of air pressure through hands-on activities. Later they constructed their own stomp rockets and launched them in a friendly competition on the same concept of air pressure.

Learning Outcomes of the workshop

1. Students understood about space and rocket.
2. Students learnt about the shape and parts of a rocket.
3. Students learnt about fuel used in different types of rocket.
4. Students learnt about pressure exerted by air and its importance. They learnt how it can be used as fuel for a rocket.
5. Students were introduced to stomp rocket and learn how it flies.
6. Students made and tested their own rockets.

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7. Students understood about the need and use of a launcher and how stomp rockets are launched.



Students learnt about rocket principle



Students learnt why only rocket can go into space



Students learnt about air movement from high pressure to low pressure with the help of “Who’s got the lung power” activity



Students learnt how air occupy space with the help of “Who can blow the balloon” activity



Students learnt how to construct a rocket



Students constructed their rockets



Students learnt how to launch the rocket



Students launched their rockets



Students received kit


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



 **SPACE**

Date: 7/10/15

Teachers Feedback Form

PARTICIPANT INFORMATION

Name: Amit Pandey School Name: Salwan Public School
 Workshop Name: Ball Balancing & Slings ; Rocket A space vehicle
 Contact No: 9553305826 Email Id: amitpandey111@gmail.com

FEEDBACK

1. Timely reporting to school YES NO
 2. Timely communication by educator(before and during workshop) YES NO

Please tick the appropriate option

	1 NEEDS IMPROVEMENT	2 GOOD	3 VERY GOOD	4- EXCELLENT
1. Conduct of Educator during the session	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2. Educational content of workshop according to the level of students	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3. Conduction of workshop by educator in terms of : • Body Language • Energy • Strategy and management • Class control	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
4. Conduction of workshop by Junior Resource Person • Pro activeness • Followed instructions • Friendly with the kids	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
5. Activities conducted during workshop : • Relevance • Fun factor • Promoted participation of students	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
6. Educator's ability to attend to the queries of students	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
7. Overall response of the students	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

8. Special remarks about the workshop
Good workshop

9. Scope of improvement (if any)
NO

Thank you for your valuable feedback as your feedback is important and adds value to our organization.

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Submitted By:
Tarun Sharma
Educator
SPACE

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