

**International observe the Moon Night
28th October 2017 (7:00 pm to 9:00 pm)**

Important Activities

The following two activities are important and can be conducted at school or public by the team on the occasion of International Observe the Moon Night on 28th of October 2017.

1. Moon Watch

Materials Required	<ul style="list-style-type: none"> • 200 mm Dobsonian Reflector Telescope - 1 • 25 mm plossl eye-piece - 1
Description	As the Sun sets, setup the telescope and point it towards the Moon and help the audience to observe it. Engage the audience by explaining fascinating facts about Moon and if possible ask general question and let the audience answer. <i>(The telescope has to be perfectly cleaned and it has to be precisely collimated and aligned beforehand. The Educator must have pre requisite knowledge about the Moon and its features.)</i>

2. Planet Watch (Saturn)

Materials Required	<ul style="list-style-type: none"> • 200 mm Dobsonian Reflector Telescope - 1 • 25 mm plossl eye-piece- 1
Preferred time for observation	<ul style="list-style-type: none"> • 1 hour from sunset (preferably from 06:30 pm to 07:30 pm)
Description	As the Sun sets, setup the telescope and point it towards Saturn and help the audience to observe it. Engage the audience by explaining fascinating facts about Saturn and if possible ask general question and let the audience answer. <i>(The telescope has to be perfectly cleaned and it has to be precisely collimated and aligned beforehand.)</i>

Suggested Activities

Along with Observation of Moon and Planet, any of the following activities can be conducted as per the availability of man power and materials.

1. Take a picture as an Astronaut

Materials Required	<ul style="list-style-type: none"> • Astronaut Cut-out (adult and child)
Description	Spectators can use these cutout and can picture themselves as Astronaut.

2. Weigh yourself on different planet

Materials Required	<ul style="list-style-type: none"> • Weighing scales of different planets
Description	Spectators can weigh themselves on these weighing scales and it will show their actual weight on the respective planet. Educator must have some pre requisite knowledge about those planets.

3. Stomp Rocketry

Materials Required	<ul style="list-style-type: none"> • Paper Rockets • 2 Ltr Empty Bottle • Stomp Rocket Launcher
Description	Stomp rockets has to be made beforehand. Throw questions related to rocketry to the audience and try to grab the attention of the audience. Whoever answers correctly then give them chance to launch the rockets.

4. Pop Rocketry

Materials Required	<ul style="list-style-type: none"> • Pop rockets • Water • Bucket • Baking soda/Eno • Tissue roll
Description	Baking soda/eno has to be wrapped up by tissue roll beforehand. On the observation sight request audience to experience the launching of pop rockets and instruct them how to launch it. Later on help them in launching the rockets.

5. Open Quiz

Materials Required	N/A
Description	Ask general astronomy related questions and let the audience answer. Encourage the audience to participate in the quiz.

6. Telescope handling

Materials Required	<ul style="list-style-type: none"> • 50mm telescope
Description	Setup the telescope and point them to any of the terrestrial object. Demonstrate the telescope pointing technique to the audience and ask them to do so. Whoever makes it first, encourage them with warm appreciation.

7. Kit Display Area

Materials Required	<ul style="list-style-type: none"> • Shoot the alien game • Shadow show Game
Description	Demonstrate about the game and let the audience enjoy the game. Help the audience to understand the basics of optics.

**Note: Venue selected should have an access to direct open sky & the SPACE logo & Branding standees should be placed on venue at different places for branding purpose.
For further any query, contact: outreach@space-india.com**