STAR Centre Itinerary

Full Day - Basic

Key Information

Max Number of Students:	**20**
Member(s) of STAR Centre staff:	**1**
Session Length	**4.5 Hour Session** *(09:30 - 14:30)* #All Timings are Approximate

Day Itinerary

Mission Briefing

Time: 9:30 #   Duration: 1hr

Description:

A STAR Centre welcome, followed by a session for you to tell us what you know about Space! Once we've heard what you know we'll help fill any gaps in your knowledge and introduce you to some new ideas!

Cosmodome

Time: 10:30 #   Duration: 1hr

Description:

Travel through the solar system and view the planets in a completely new way. Be enlightened with a variety of stories and information about the universe and your place in it.

Mission Control

Time: 11:30 #   Duration: 45min

Description:

Learn the fundamentals of controlling a mission into space. Find out what kind of objects are controlled, and how to achieve a stable orbit. Take part in a team based game that helps you learn the importance of collaboration and team work.

Lunch

Time: 12:15 #   Duration: 45min

STAR Centre Moonbase

Time: 13:00 #   Duration: 1hr 30min

Description:

Travel through space in our specially designed Transit Pod. Dock at our Moonbase and explore the environs.

- **Astrobotics:** Learn about systems of control. Find out why robots can be so stupid and yet so incredibly effective at the jobs they do. Control robotic arms to pick up objects. Try to beat the computer controlled moon rover at a race!
- **FabLab:** Learn about prototyping and manufacture. See a 3D printer in action! See how easy it is to design and make models using a Laser Cutter! Learn all you need to start making things from home and experience the power of ideas!
- **Moonscape:** Explore the moon's surface! Dress as an astronaut and prepare to spacewalk. Help the STAR Centre collect alien samples!