



**Date: 20<sup>th</sup> May 2025**

**Circular No.: QCS/2025/172**

**Subject: Astronomy and Space Club**

Dear Parents

Greetings!

Astronomy and Space Club was a thoughtful endeavor to provide our students with opportunities that broaden their horizons and foster a scientific temperament among our young learners.

The minimum number of participants required for the NAVARS team to conduct the session was 25, whereas we received only 15 registrations hence we wish to inform you that the club will be initiated as a 3-month **Cosmic Quest Workshop** program. We are hopeful that, as the club progresses, more students will be inspired to join, enabling us to extend it as a year-long program.

The Astronomy and Space Club will commence from July, where 90-minute session would be given on first Saturday of the month along with LSDP. Participating students will receive their own Astronomy Kit and will be engaged in a series of hands-on learning activities designed to explore the wonders of space and astronomy.

To provide more details and answer any questions, we will be conducting an online parent orientation meeting on Saturday, 24<sup>th</sup> May at 11:00 am. A resource person from NAVARS, our knowledge partner for this initiative, will also be present to explain the program and address your queries. The meeting would be conducted through **Zoom platform**. The meeting ID will be shared in the group.

**Note:** The detailed schedule is attached below:

Thank You for your continuous support and understanding.

**Warm Regards**

A handwritten signature in black ink, appearing to read 'Sandhya P.', with a small flourish at the end.

**Ms. Sandhya Kumaria**

## Program – Junior Cosmic Quest Workshop (Grade 3-5)

SN O	Session Date	Program	Learning Outcome	Duration	DIY Kit/Theory	Images
1	5th July 2025 Saturday	Living in space	"Understanding living on Earth and Space Discover what makes the International Space Station a unique home in space, including its purpose and daily life for astronauts. Exploring the ISS Identify potential locations for space colonization and understand what is needed to build sustainable living environments"	90 minutes	Theory Class	NA
2	2nd August 2025 Saturday	Space House - Project	Understanding Renewable Energy in Space Use of Photovoltaic cells and Basic Circuitry Apply Design and Architecture in Space Sustainable Living Beyond Earth Scientific Inquiry and Team Collaboration	90 minutes	Space house	
3	4th October 2025. Saturday	Pocket Sun Clock - Project	Understanding Sun Movement ; Building Skills from Simple Materials ; Shadow Observation and Time measurement skill ; Connecting Science to Daily Life	90 minutes	Pocket Sun-Clock	

## Program – Senior Cosmic Quest Workshop (Grade 6-9)

SN O	Session Date	Program	Learning Outcome	Duration	DIY Kit/Theory	Images
1	5th July 2025 Saturday	Satellites 101	Understand Satellite Fundamentals, Discover different satellites and their specific functions., Explore Satellite Types and Uses, Identify key parts and components of a, satellite and their roles. Dive into Satellite Components	90 minutes	Theory Class	NA
3	2nd August 2025 Saturday	SpaceComm - Project	Use papertronics kit to understand the principles of space communication	90 minutes	SpaceComm - Project	
2	4th October 2025 Saturday	Navik Lander - Project	"Understanding living on Earth and Space Discover what makes the International Space Station a unique home in space, including its purpose and daily life for astronauts. Insight into Space Engineering and Design Learn Solar Power Technology Robotics and Automation Improve hand-eye coordination and precision Interest in Space Exploration	90 minutes	Navik Lander	