

Astronomy Space Club

Date 11th August 23

Session 3

Rocket Science Level 1: Basics of Rocketry, Construction and Launching of Hydro Rockets

Rocket science has always been an exciting and intriguing topic for everyone. Topics related to planetary exploration have a unique way of capturing one's imagination.

The students of the Space Club enthusiastically embraced the learnings about the relationship of science and principles of rocketry. They also learned about the different parts of a rocket and their functions.

The session involved students to work in groups to design and build rockets. Once the mission of designing the rocket was completed, the students were super excited to see their handiwork function and scale high in the sky. The students went out on the campus field and with the help of a rocket launcher launched their own rockets. With the mission finally being accomplished, the budding rocket engineers had a thrilling experience. The activity allowed students to employ the scientific process while learning about planetary mission design.

Overall the session was informative and engaging and it also helped the students to improve their scientific reasoning skills.

