

Report on Astronomy Club Workshop – 2

Date: 9th May 2025

Classes: VI to IX

The second session of the Astronomy Club focused on building on the foundation laid in the first session. This workshop focused on advancing students' understanding of celestial navigation and solar phenomena through hands-on learning experiences. The session began with an engaging exploration of the astronomy kit materials, where students familiarised themselves with scientific instruments used in celestial observation. They examined each tool's purpose and how it contributes to the study of the universe.

The key highlight of the day was an introduction to celestial coordinates and sky mapping. Students learned how to navigate the night sky by creating a celestial grid and applying reference techniques to locate celestial objects. They also constructed their own sky maps for both the northern and southern hemispheres, enhancing their grasp of star patterns and constellations.

Students deepened their understanding of solar features, space weather, and the impact of solar radiation on Earth. They then constructed solar filters and safely observed the Sun using projection techniques, solar viewing goggles, ball projectors, and pinhole projectors. The workshop effectively fostered critical thinking and scientific inquiry among the students. Their consistent engagement and perceptive questions reflected a developing interest in astronomical studies.

