

Starlab 2: Planets and Constellations

Specific Learning Objectives

Science

Nature of Science

Understanding about science Level 3

Investigating in science Level 3

Communicating in science Level 3

Participating and contributing Level 3

Planet Earth and Beyond

Astronomical systems Level 3

Key Competencies

Thinking, Relating to others, Using language symbols and texts, Participating and contributing, Managing self

Key Concepts	Specific Learning Intentions
	<i>By the end of the session, the students may be able to:</i>
The Earth spins on its own axis. This makes the Sun, stars and planets appear to move across the sky.	Describe why the Sun, stars and planets appear to move across the sky.
There are eight planets in our Solar System including planet Earth. We can see some of them in the night sky.	Name at least two planets visible in the planetarium.
Some stars can be grouped to form pictures called constellations.	Locate and name at least two constellations in the planetarium.
The Moon is made of rock and therefore we can only see the Moon when the Sun is shining on it.	Describe how we can see the Moon in the sky.