

Starlab 1: The Night Sky

Specific Learning Objectives

Science

Nature of Science

Understanding about science Level 1-2

Investigating in science Level 1-2

Communicating in science Level 1-2

Participating and contributing Level 1-2

Planet Earth and Beyond

Astronomical systems Level 1-2

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>
Day and night are caused by the Earth spinning.	Recognise that the Sun remains still and the Earth spins around.
The amount of light present during day and night allows us to see different features of the sky.	Describe what can be seen in the sky during daytime and night-time.
The Moon is made of rock and is visible because of the Sun's light reflecting off its surface.	Identify the Moon in the planetarium and explain how we see the moon.
Some stars can be grouped to form pictures called constellations.	Locate a constellation in the planetarium.