



## **STAGE 1 PRESENTATION OUTLINE.**

### **Appropriate for Early Learning and Kindy.**

Each presentation lasts for approximately 45 minutes and includes two sections.

Presentations can be customised to your students' learning level and topic focus. Please let us know if there is anything in particular you would like to focus on.

#### **Stage 1 Investigations of changes provide knowledge and understanding.**

ST1-SCI-01 Measures and describes changes in the Earth and the sky

ST1-PQU-01 Poses questions based on observations and information to investigate cause and effect

ST1-DAT-01 Collects, represents and uses data to identify patterns and relationships

### **SECTION 1. PRESENTER-LED PRESENTATION.**

**Planet Earth is our home - The sky is our window to the Universe.**

Presenter-led sky talk - 360°

Topics from:

- What's in the Sky? An interactive 360° look at what is in the sky today and tonight.
- The Sun rises in the east and sets in the west.
- The visible features of the sky at night and in the day: Night: stars, Moon, Milky Way. Day: Sun, clouds, occasionally the Moon.
- Daily weather identifies changes and patterns. Example(s): Cloud cover, rainfall, temperature.
- The Moon's lunar cycle and its change in appearance.
- The Moon reflects light energy from the Sun
- Aboriginal and/or Torres Strait Islander Peoples' connections to Sky Country. Example(s): Dreaming Stories of the Sun and Moon, Day and Night, Emu in the sky.
- Aboriginal and/or Torres Strait Islander Peoples' use of seasonal indicators. Example(s): Indications for seasons, weather, harvesting, and breeding seasons.

Presenter-led Solar System talk - Flat Screen.

Topics from

- Rotation of the Earth around its axis causes a repeating pattern of day and night.
- The Moon's lunar cycle and its change in appearance.
- Recognise that the Sun provides Earth with light and heat energy.



## SECTION 2 - 360° SURROUND MOVIE

(Please choose one of the movies below or let us help you decide.)

**'Tilt'** - <https://www.planetarium.com.au/tilt>

Seasons, Shadows, Earth, Sun, Moon relationship.

Tilt tells the story of Annie and Max as they work to save the Earth when the seasons start to go crazy. Their journey takes them into space and around the planet as they discover the axis of the Earth and our orbit around the Sun directly impacts the way the world experiences seasons. Perfect for Stage 1 & 2 students.

**'Astronaut George'** - <https://www.planetarium.com.au/astronaut-george>

Join Astronaut George and blast off into space to find out what an astronaut needs when travelling through outer space. Follow him around our solar system and discover how different the planets are, and why there is no place quite like Planet Earth.

Perfect for Early Learning & Stage 1

**"Tycho Goes To Mars"** <https://www.planetarium.com.au/tycho-goes-to-mars>

Tycho, our favourite cheeky dog with a knack for getting into trouble, is finally blasting off to discover the red planet, Mars!

Tycho is searching for water to fly his steam-powered space kennel back home. But how will he find water on Mars, when it looks so cold, dusty and dry? Perfect for Stage 1 & 2 students.

**'Tycho To The Moon'** - <https://www.planetarium.com.au/tycho>

Meet Tycho, a dog who doesn't just howl at the Moon, but wants to go there.

Blast off on an amazing ride into space with Tycho and his young friends, Ruby and Michael.

Learn about night and day, space travel, the phases of the Moon and features of the lunar surface.

Take a close-up look at the Sun, watch the effects of gravity, see the Earth from space and watch meteors shoot across the night sky. Perfect for Kindy & Stage 1.

These four movies are our most popular for Stage 1 and Early Learning; however, we also have a broader selection that may be suitable for your students, depending on their learning level.

Please note that all presentations are subject to change and variation due to circumstances and/or time constraints.