

Key Concepts	Specific Learning Intentions
The Māori people used the night sky for many things including navigation, understanding the changing seasons, seeing different weather patterns and to tell time.	<p><b>The students may be able to:</b></p> <p>Explain four reasons why the night sky was useful for Māori people.</p>
Different cultures from Ancient times, explained the formation of the night sky using myths and legends. Today our understanding of the night sky and space is increased through research and the use of telescopes and computers.	<p>Compare and contrast the ideas and understanding of the night sky from long ago and today.</p> <p>Relate different myths, legends and stories from other cultures to stories already told about the night sky.</p>
An astronomical unit is the distance measured from Earth to the Sun.	Identify different astronomical units and use them to compare distance in space from one planet (ie. Earth vs Jupiter).
The Sun contributes to the Earth's atmosphere	Identify why the Sun is useful to Earth.
The Sun has a different name in Te Reo Māori	Name the Sun in Te Reo Māori.
Each of the planets have an English name as well as a name in Te Reo Māori.	Name, in Te Reo Māori, two or more planets that can be seen in the night sky and two planets that can not be seen in the night sky.
Each of the gas planets, as well as the two ice planets, have rings around them, however Saturn's rings are the largest, that is why they are shown in many pictures.	Explain why Saturn's rings are usually shown in pictures and drawings rather, than any other planet.
Constellations are pictures or shapes in the sky made up by a group of stars. Many have different meanings and stories that are associated with them.	<p>Identify what a constellation is.</p> <p>Explain the meaning of one of the constellations in the sky.</p>
Matariki celebrates the Māori New Year and is very important for Māori tradition.	Explain why the viewing of Matariki is important to Māori people.
The Sun's light reflects off the Moon and the Moon orbits around the Earth. This is how we see different phases of the Moon.	<p>Describe the Moon in the sky and name two of its phases.</p> <p>Explain how we see the light on the Moon.</p>