



STUDY GUIDE

Year 7 Science

TERM 4

Assessment

Task	End of a chapter
Inquiry report	End of a chapter
End of Chapter Test	End of chapter

Chapter	Content Description	Elaborations
Problem Solving Chapter 2 (1 or 2 weeks)	<p>Identify questions and problems that can be investigated scientifically and make predictions based on scientific knowledge (AC SIS124)</p> <p>Collaboratively and individually plan and conduct a range of investigation types, including fieldwork and experiments, ensuring safety and ethical guidelines are followed (AC SIS125)</p>	<ul style="list-style-type: none"> ★ working collaboratively to identify a problem to investigate. ★ working collaboratively to decide how to approach an investigation.
Gravity Chapter 9 (2 weeks)	<p>Earth's gravity pulls objects towards the centre of the Earth (AC SSU118).</p>	<ul style="list-style-type: none"> ★ Explore how gravity affects objects on the surface of Earth. ★ Consider how gravity keeps planets in orbit around the Sun.
Sun, Earth, Moon Chapter 10 (4 weeks)	<p>Predictable phenomena on Earth, including seasons and eclipses, are caused by the relative positions of the sun, Earth and the moon (AC SSU115).</p>	<ul style="list-style-type: none"> ★ Investigate natural phenomena such as lunar and solar eclipses, seasons and phases of the moon. ★ Compare times for the rotation of Earth, the sun and moon, and compare the times for the orbits of Earth and the moon. ★ Model the relative movements of the Earth, sun and moon and how natural phenomena such as solar and lunar eclipses and phases of the moon occur. ★ Explain why different regions of the Earth experience different seasonal conditions.