

# **NATURAL SCIENCES & TECHNOLOGY**

**GRADE 6 TERM 4**

**Tracker**



Week 1											
CAPS Concepts and Activities	CAPS Page no.	Year:					Year:				
		Class					Class				
		Date Completed					Date Completed				
Week 1 Lesson A											
<b>Topic: The Solar System</b> <b>Content &amp; Concepts: The Sun, planets and asteroids</b> <ul style="list-style-type: none"> <li>• The Sun (a star) is at the centre of our Solar System</li> <li>• There are eight planets and the asteroid belt (Mercury, Venus, Earth, Mars, Asteroid Belt, Jupiter, Saturn, Uranus, and Neptune) in orbit around the Sun</li> </ul>	61										
Week 1 Lesson B											
<b>Topic: The Solar System</b> <b>Content &amp; Concepts: The Sun, planets and asteroids</b> <ul style="list-style-type: none"> <li>• The Sun (a star) is at the centre of our Solar System</li> <li>• There are eight planets and the asteroid belt (Mercury, Venus, Earth, Mars, Asteroid Belt, Jupiter, Saturn, Uranus, and Neptune) in orbit around the Sun</li> </ul>	61										
Week 1 Lesson C											
<b>Topic: The Solar System</b> <b>Content &amp; Concepts: The Sun, planets and asteroids</b> <ul style="list-style-type: none"> <li>• Each planet has its own:                             <ul style="list-style-type: none"> <li>○ features, size, orbit and position in relation to the Sun, composition (rocky and gas planets) and number of moons (some have no moons)</li> </ul> </li> </ul>	61										
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Week 2 Lesson A											
<b>Topic: The Solar System</b> <b>Content &amp; Concepts: The Sun, planets and asteroids</b> <ul style="list-style-type: none"> <li>• Each planet has its own:                             <ul style="list-style-type: none"> <li>○ features, size, orbit and position in relation to the Sun, composition (rocky and gas planets) and number of moons (some have no moons)</li> </ul> </li> </ul>	61										
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<b>Topic: The Solar System</b> <b>Content &amp; Concepts: The Sun, planets and asteroids</b> <ul style="list-style-type: none"> <li>• The planets and asteroids take different amounts of time to revolve around the Sun</li> </ul>	61										
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Week 3 Lesson A											
<b>Topic: The Solar System</b> <b>Content &amp; Concepts: Moons</b> <ul style="list-style-type: none"> <li>Moons, including our moon do not give out their own heat and light</li> <li>Our moon can be seen from Earth because the light from the Sun shines onto its surface</li> <li>On the moon we can see craters, lighter areas which are mountains, and darker areas which are flat plains</li> </ul>	61										
Week 3 Lesson B											
<b>Topic: Movements of the Earth and planets</b> <b>Content &amp; Concepts: Rotation (Earth)</b> <ul style="list-style-type: none"> <li>In our Solar System, each planet rotates (spins) on its own axis</li> </ul>	62										
Week 3 Lesson C											
<b>Topic: Movements of the Earth and planets</b> <b>Content &amp; Concepts: Rotation (Earth)</b> <ul style="list-style-type: none"> <li>The planet Earth is spinning, and one complete rotation takes about 24 hours. We experience this as a day and a night</li> <li>During rotation the side of the Earth facing the Sun experiences daytime, and the opposite side of the Earth experiences night-time</li> </ul>	62										
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Week 4 Lesson A											
<b>Topic: Movements of the Earth and planets</b> <b>Content &amp; Concepts: Revolution (Earth)</b> <ul style="list-style-type: none"> <li>All planets also revolve (travel) around the Sun in their own orbits</li> <li>Planet Earth revolves around the Sun in its own orbit (pathway), and one complete revolution takes 365 <math>\frac{1}{4}</math> days. We experience this as a year</li> </ul>	62										
Week 4 Lesson B											
<b>Topic: The movement of the Moon</b> <b>Content &amp; Concepts: Rotation (Moon)</b> <ul style="list-style-type: none"> <li>The Moon is spinning and one complete rotation takes about 28 days</li> </ul>	63										
Week 4 Lesson C											
<b>Topic: The movement of the Moon</b> <b>Content &amp; Concepts: Revolution (Moon)</b> <ul style="list-style-type: none"> <li>The Moon revolves around the Earth and one revolution also takes about a month (about 28 days)</li> </ul>	63										
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<b>Topic: The movement of the Moon</b> <b>Content &amp; Concepts: Revolution (Moon)</b> <ul style="list-style-type: none"> <li>Together, the Earth and the Moon revolve around the Sun</li> </ul>	63										
Week 5 Lesson B											
<b>Topic: Systems for looking into space</b> <b>Content &amp; Concepts: Telescopes</b> <ul style="list-style-type: none"> <li>Telescopes are used to look into space and gather information</li> </ul>	63										
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<b>Topic: Systems for looking into space</b> <b>Content &amp; Concepts: Telescopes</b> <ul style="list-style-type: none"> <li>South Africa has built and uses some of the largest telescopes</li> </ul>	63										
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		Date Completed				Date Completed							
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Week 9												
CAPS Concepts and Activities	CAPS Page no.	Year:					Year:					
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Week 9 Lesson A												
<b>Topic: Revision and Study</b>	57-64											
Week 9 Lesson B												
<b>Topic: Revision and Study</b>	57-64											
Week 9 Lesson C												
<b>Topic: Revision and Study</b>	57-64											
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<b>Examination</b>											
72											
Reflection											
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