

# SCOPE & SEQUENCE

SCIENCE & NATURE STUDY – YEAR 4			
Topic	Term 1	Term 2	Term 3
<b>Astronomy</b>	<ul style="list-style-type: none"> <li>• The 8 planets and their distances and sizes</li> <li>• The Sun</li> <li>• The Moon and its phases</li> <li>• Minor planets, asteroids and comets</li> <li>• The stars</li> <li>• The Pleiades</li> <li>• The Milky Way</li> <li>• Shooting stars, meteors and fireballs</li> <li>• The Zodiacal Light</li> <li>• Nebulae</li> <li>• Rising and setting of the Sun</li> <li>• Celestial Sphere</li> <li>• Northern Stars</li> </ul>	<ul style="list-style-type: none"> <li>• The Dipper</li> <li>• The Southern Stars</li> <li>• Time and timekeeping</li> <li>• Telescopes</li> <li>• Meridian Circle</li> <li>• The Lick Telescope</li> <li>• Life on the Planets</li> </ul>	
<b>Earth Science</b>	<ul style="list-style-type: none"> <li>• Glens</li> <li>• Water erosion</li> <li>• Earthquakes</li> </ul>	<ul style="list-style-type: none"> <li>• Earthquakes</li> <li>• Volcanoes</li> <li>• Types of rock and soil</li> <li>• Geothermal energy</li> <li>• The rock cycle</li> </ul>	<ul style="list-style-type: none"> <li>• Glaciers</li> <li>• Ice floes</li> <li>• The Ice Age</li> <li>• Prehistoric man</li> </ul>
<b>Animals</b>	<ul style="list-style-type: none"> <li>• Identify and describe 10 birds in nature</li> <li>• Identify and describe 5 animals in nature</li> </ul>	<ul style="list-style-type: none"> <li>• Animal adaptation</li> <li>• Animal classification</li> <li>• Slime</li> <li>• Sponges</li> <li>• Identify and describe 10 birds in nature</li> <li>• Identify and describe 5 animals in nature</li> </ul>	<ul style="list-style-type: none"> <li>• Hydra</li> <li>• Jelly-fish</li> <li>• Sea anemone</li> <li>• Coral</li> <li>• Star-fish</li> <li>• Sea-urchins</li> <li>• Identify and describe 10 birds in nature</li> <li>• Identify and describe 5 animals in nature</li> </ul>
<b>Plants</b>	<ul style="list-style-type: none"> <li>• Identify and describe 6 wild fruits</li> </ul>	<ul style="list-style-type: none"> <li>• Identify and describe 6 twigs of trees</li> </ul>	<ul style="list-style-type: none"> <li>• Identify and describe 6 wild flowers</li> </ul>
<b>Weather</b>	Seasonal changes: <ul style="list-style-type: none"> <li>• Autumn</li> <li>• Winter</li> </ul>	Seasonal changes: <ul style="list-style-type: none"> <li>• Winter</li> <li>• Spring</li> </ul>	Seasonal changes: <ul style="list-style-type: none"> <li>• Spring</li> <li>• Summer</li> </ul>