

Topic	Earth and Space
Pre-school	<ul style="list-style-type: none"> <li>• Can talk about some of the things they have observed such as plants, animals, natural and found objects. (The World 30-50)</li> </ul>
Reception	<ul style="list-style-type: none"> <li>• Look closely at similarities, differences, patterns and change. (The World 40-60)</li> <li>• Children talk about the features of their own immediate environment and how environments might vary from one another. They make observations of animals and plants and explain why some things occur and talk about changes. (The World ELG)</li> </ul>
Year 1	
Year 2	
Year 3	
Year 4	
Year 5	<ul style="list-style-type: none"> <li>• Can they identify and explain the movement of the Earth and other planets relative to the sun in the solar system?</li> <li>• Can they explain how seasons and the associated weather is created?</li> <li>• Can they describe and explain the movement of the Moon relative to the Earth?</li> <li>• Can they describe the sun, earth and moon as approximately spherical bodies?</li> <li>• Can they use the idea of the earth's rotation to explain day and night and the apparent movement of the sun across the sky?</li> </ul> <p><b>Challenge</b></p> <ul style="list-style-type: none"> <li>• <b>Can they compare the time of day at different places on the earth?</b></li> <li>• <b>Can they create shadow clocks?</b></li> <li>• <b>Can they begin to understand how older civilizations used the sun to create astronomical clocks, e.g. Stonehenge?</b></li> <li>• <b>Can they explore the work of some scientists? (Ptolemy, Alhazen, Copernicus)</b></li> </ul>
Year 6	