

Lesson	Know	Apply	Extend
7.2.1 The night sky	I can name some objects seen in the night sky. <input type="checkbox"/>	I can describe how space observation of stars is affected by the scale of the Universe. <input type="checkbox"/>	I can describe the structure of the Universe in detail, in order of size and distance away from the Earth. <input type="checkbox"/>
	I can state a unit that astronomers use to measure distance. <input type="checkbox"/>	I can explain the choice of light years as a unit of measuring distances in astronomy. <input type="checkbox"/>	I can use the speed of light to describe distances between astronomical objects. <input type="checkbox"/>
	I can identify scientific evidence from secondary evidence. <input type="checkbox"/>	I can draw valid conclusions that utilise more than one piece of supporting evidence. <input type="checkbox"/>	I can assess the strength of evidence, deciding whether it is sufficient to support a conclusion. <input type="checkbox"/>
7.2.2 The Solar System	I can name some objects in the Solar System. <input type="checkbox"/>	I can describe how objects in the Solar System are arranged. <input type="checkbox"/>	I can explain how the properties and features of planets are linked to their place in the Solar System. <input type="checkbox"/>
	I can explain how we see planets. <input type="checkbox"/>	I can explain why we see objects in the Solar System, and describe how they appear to move. <input type="checkbox"/>	I can explain why we see objects in the Solar System, and why they appear to move as they do. <input type="checkbox"/>
	I can identify some patterns in the Solar System. <input type="checkbox"/>	I can describe how space exploration is affected by the scale of the Universe. <input type="checkbox"/>	I can make deductions from observation data of planets, stars, and galaxies. <input type="checkbox"/>
7.2.3 The Earth	I can describe differences between seasons. <input type="checkbox"/>	I can explain the motion of the Sun, stars, and Moon across the sky. <input type="checkbox"/>	I can predict the effect of the Earth's tilt on temperature and day length. <input type="checkbox"/>
	I can describe the motion of the Sun, stars, and Moon across the sky. <input type="checkbox"/>	I can explain why seasonal changes happen. <input type="checkbox"/>	I can predict how seasons would be different if there was no tilt. <input type="checkbox"/>
	I can describe patterns in data linking day length during the year. <input type="checkbox"/>	I can use data to show the effect of the Earth's tilt on temperature and day-length. <input type="checkbox"/>	I can interpret data to predict how the Earth's tilt affects temperature and day length. <input type="checkbox"/>

Lesson	Know	Apply	Extend
7.2.4 The Moon and changing ideas	I can name some phases of the Moon. <input type="checkbox"/>	I can describe the phases of the Moon. <input type="checkbox"/>	I can predict phases of the Moon at a given time. <input type="checkbox"/>
	I can explain simply why we see the Moon from the Earth. <input type="checkbox"/>	I can describe the appearance of the Moon from diagrams of the Earth, Sun, and Moon. <input type="checkbox"/>	I can explain how total eclipses are linked to phases of the Moon. <input type="checkbox"/>
	I can show the different phases of the Moon using models provided. <input type="checkbox"/>	I can explain phases of the Moon using the models provided. <input type="checkbox"/>	I can predict the phases of the Moon using models provided. <input type="checkbox"/>
	I can name the current model of the Solar System. <input type="checkbox"/>	I can describe evidence that led to a change in the model of the Solar System. <input type="checkbox"/>	I can compare explanations about the motion and structure of the Universe from different periods in history. <input type="checkbox"/>