

Lesson	Improving	Secure	Advanced and Extending
P3 2.1 Discovering the Universe 1	I can state some ideas about the Universe that developed in different cultures. <input type="checkbox"/>	I can describe some ideas about the Universe that developed in different cultures. <input type="checkbox"/>	I can compare ideas about the Universe that developed in different cultures. <input type="checkbox"/>
	I can state what is meant by geocentric. <input type="checkbox"/>	I can describe the geocentric model of the Solar System. <input type="checkbox"/>	I can suggest an observation that could not be explain by the geocentric model. <input type="checkbox"/>
P3 2.1 Discovering the Universe 2	I can state some observations that led to our present model of the Solar System. <input type="checkbox"/>	I can describe how observations led to a different model of the Solar System. <input type="checkbox"/>	I can compare similarities and differences between different models of the Solar System. <input type="checkbox"/>
	I can name our present model of the Solar System. <input type="checkbox"/>	I can describe the heliocentric model of the Solar System. <input type="checkbox"/>	I can explain the importance of evidence in developing the heliocentric model. <input type="checkbox"/>
P3 2.3 The Big Bang	I can state the age of the Solar System. <input type="checkbox"/>	I can describe the timescale of the Universe. <input type="checkbox"/>	I can explain why atoms could not be formed immediately after the Big Bang. <input type="checkbox"/>
	I can name the theory of how the Universe started. <input type="checkbox"/>	I can describe what is meant by the Big Bang. <input type="checkbox"/>	I can explain ways in which the Big Bang theory is supported by evidence. <input type="checkbox"/>
P3 2.4 Spacecraft and satellites	I can name the orbits a satellite can take. <input type="checkbox"/>	I can describe how to get a satellite into orbit. <input type="checkbox"/>	I can compare the orbits of different satellites. <input type="checkbox"/>
	I can state some uses of satellites. <input type="checkbox"/>	I can describe some uses of satellites. <input type="checkbox"/>	I can compare the different uses of satellites. <input type="checkbox"/>
P3 2.5 Mission to the Moon	I can state one risk and one benefit of the space programme. <input type="checkbox"/>	I can describe some risks and benefits of the space programme. <input type="checkbox"/>	I can explain risks and benefits of the space programme. <input type="checkbox"/>

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P3 2.6 Radioactivity 1	I can state the term given to a material that gives out radiation. <input type="checkbox"/>	I can describe what is meant by a radioactive material. <input type="checkbox"/>	I can explain how the radioactivity of a sample changes with time. <input type="checkbox"/>
P3 2.7 Radioactivity 2	I can state one risk of using radioactive materials. <input type="checkbox"/>	I can describe the risks of using radioactive materials. <input type="checkbox"/>	I can explain how to reduce the risks of using radioactive materials. <input type="checkbox"/>
	I can state one use of radioactive materials. <input type="checkbox"/>	I can describe some uses of radioactive materials. <input type="checkbox"/>	I can compare different uses of radioactive materials. <input type="checkbox"/>
P3 2.8 Electromagnetism 1	I can name the process used to generate electricity. <input type="checkbox"/>	I can describe how to generate electricity using electromagnetic induction. <input type="checkbox"/>	I can suggest how to change the amount of current produced in electromagnetic induction. <input type="checkbox"/>
P3 2.9 Electromagnetism 2	I can name one piece of equipment used to detect electromagnetic waves. <input type="checkbox"/>	I can describe how electromagnetic waves are used for communication. <input type="checkbox"/>	I can compare the frequency of electromagnetic waves with their uses. <input type="checkbox"/>