

# Curriculum Checker

Subject: **Science**

✓ Main Programme of Study

✓ Linked Programme of Study



Subject Area	Code	Programme of Study	Year 5 ILP Choices					
			Beast Creator	Stargazers	Time Traveller	Off with Her Head!	Alchemy Island	Pharaohs
Animals (Including Humans)	Sc A 1 Y5	Describe the changes as humans develop to old age.			✓			
Earth and Space	Sc ES 1 Y5	Describe the movement of the Earth, and other planets, relative to the Sun in the solar system.		✓				
Earth and Space	Sc ES 2 Y5	Describe the movement of the Moon relative to the Earth.		✓				
Earth and Space	Sc ES 3 Y5	Describe the Sun, Earth and Moon as approximately spherical bodies.		✓				
Earth and Space	Sc ES 4 Y5	Use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky.		✓				
Forces	Sc F 1 Y5	Explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object.		✓				
Forces	Sc F 2 Y5	Identify the effects of air resistance, water resistance and friction, that act between moving surfaces.		✓				
Forces	Sc F 3 Y5	Recognise that some mechanisms, including levers, pulleys and gears, allow a smaller force to have a greater effect.						
Living Things and their Habitats	Sc LT 1 Y5	Describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird.	✓		✓			
Living Things and their Habitats	Sc LT 2 Y5	Describe the life process of reproduction in some plants and animals.	✓		✓			
Properties and Changing Materials	Sc PCM 1 Y5	Compare and group together everyday materials on the basis of their properties, including their hardness, solubility, transparency, conductivity (electrical and thermal), and response to magnets.	✓					✓
Properties and Changing Materials	Sc PCM 2 Y5	Know that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution.						✓
Properties and Changing Materials	Sc PCM 3 Y5	Use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating.						✓
Properties and Changing Materials	Sc PCM 4 Y5	Give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic.						
Properties and Changing Materials	Sc PCM 5 Y5	Demonstrate that dissolving, mixing and changes of state are reversible changes.						✓

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			Beast Creator	Stargazers	Time Traveller	Off with Her Head!	Alchemy Island	Pharaohs
Properties and Changing Materials	Sc PCM 6 Y5	Explain that some changes result in the formation of new materials, and that this kind of change is not usually reversible, including changes associated with burning and the action of acid on bicarbonate of soda.					✓	
Working Scientifically	Sc WS 1 UKS2	Plan different types of scientific enquiries to answer questions, including recognising and controlling variables where necessary.		✓	✓		✓	
Working Scientifically	Sc WS 2 UKS2	Take measurements, using a range of scientific equipment, with increasing accuracy and precision, taking repeat readings when appropriate.	✓	✓	✓		✓	
Working Scientifically	Sc WS 3 UKS2	Record data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, scatter graphs, bar and line graphs.	✓	✓	✓		✓	
Working Scientifically	Sc WS 4 UKS2	Use test results to make predictions to set up further comparative and fair tests.		✓	✓		✓	
Working Scientifically	Sc WS 5 UKS2	Report and present findings from enquiries, including conclusions, causal relationships and explanations of and degree of trust in results, in oral and written forms such as displays and other presentations.	✓	✓			✓	
Working Scientifically	Sc WS 6 UKS2	Identify scientific evidence that has been used to support or refute ideas or arguments.	✓	✓	✓		✓	