

SPS	Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	Unit 6	Unit 7	Unit 8	Unit 9	Unit 10	Unit 11	Unit 12
Ideas and evidence • Collect evidence by making observations when trying to answer a science question.		✓			✓	✓	✓	✓				
• Use first-hand experience, e.g. observe melting ice.		✓			✓	✓	✓	✓				
• Use simple information sources.		✓			✓	✓	✓	✓				
Plan investigative work • Ask questions and suggest ways to answer them.		✓			✓	✓	✓	✓				
• Predict what will happen before deciding what to do.		✓			✓	✓	✓	✓				
• Recognise that a test or comparison may be unfair.		✓			✓	✓	✓	✓				
Obtain and present evidence • Make suggestions for collecting evidence.		✓		✓	✓	✓	✓	✓				



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Stage I Scientific enquiry

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• Talk about risks and how to avoid danger.		✓		✓		✓		✓				
• Make and record observations.		✓		✓	✓	✓	✓	✓				
• Take simple measurements.		✓		✓	✓	✓	✓	✓				
• Use a variety of ways to tell others what happened.					✓	✓	✓	✓				
Consider evidence and approach • Make comparisons.		✓		✓	✓	✓	✓	✓				
• Identify simple patterns and associations.		✓		✓	✓	✓	✓	✓				
• Talk about predictions (orally and in text), the outcome and why this happened.		✓		✓	✓	✓	✓	✓				
• Review and explain what happened.		✓		✓	✓	✓	✓	✓				



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Stage 2 Biology

SPS	Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	Unit 6	Unit 7	Unit 8	Unit 9	Unit 10	Unit 11	Unit 12
Living things in their environment • Identify similarities and differences between local environments and know about some of the ways in which these affect the animals and plants that are found there.				✓	✓			✓				
• Understand ways to care for the environment.				✓	✓			✓				
• Observe and talk about their observation of the weather, recording reports of weather data.				✓				✓				

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Material properties • Recognise some types of rocks and the uses of different rocks.						✓						
• Know that some materials occur naturally and others are man-made.						✓						
Material changes • Know how the shapes of some materials can be changed by squashing, bending, twisting and/or stretching.						✓						
• Explore and describe the way some everyday materials change when they are heated or cooled.						✓						
• Recognise that some materials can dissolve in water.						✓						

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Light and dark • Identify different light sources including the sun.		✓		✓								
• Know that darkness is the absence of light.		✓		✓								
• Be able to identify shadows.		✓		✓								
Electricity • Recognise the components of simple circuits involving cells (batteries).		✓										
• Know how a switch can be used to break a circuit.		✓										
The Earth and beyond • Explore how the sun <i>appears</i> to move during the day and how shadows change.				✓			✓					
• Model how the spin of the Earth leads to day and night, e.g. with different-sized balls and a torch.				✓			✓					