

Working scientifically skills mapping

April 2026

Year 1 | Working scientifically skills mapping

	The human body							Seasonal changes		Materials					Seasonal changes			
Autumn	Ask questions	Answer questions and make conclusions	Take measurements	Take measurements	Take measurements	Take measurements	Take measurements	Ask questions	Gather, record and classify data	Gather, record and classify data	Make observations	Gather, record and classify data	Take measurements	Gather, record and classify data	Answer questions and make conclusions	Answer questions and make conclusions	Ask questions	Gather, record and classify data
Spring	Planting A	Animals							Caring for the planet		Seasonal changes		Planting B					
	Ask questions	Ask questions	Gather, record and classify data	Gather, record and classify data	Gather, record and classify data	Answer questions and make conclusions	Gather, record and classify data	Gather, record and classify data	Gather, record and classify data	Gather, record and classify data	Ask questions	Answer questions and make conclusions	Ask questions	Gather, record and classify data	Make observations	Gather, record and classify data	Consolidation	
Summer	Plants							Planting C		Growing and cooking		Seasonal changes						
	Gather, record and classify data	Gather, record and classify data	Make observations	Gather, record and classify data	Gather, record and classify data	Gather, record and classify data	Answer questions and make conclusions	Make observations	Gather, record and classify data	Ask questions	Answer questions and make conclusions	Ask questions	Gather, record and classify data	Answer questions and make conclusions	Consolidation			

Text highlighted in pink shows the specific working scientifically skill for each step.

Year 2 | Working scientifically skills mapping

Season	Topic	Step 1	Step 2	Step 3	Step 4	Step 5	Step 6	Step 7	Step 8	Step 9	Step 10	Step 11	Step 12
Autumn	Animals' needs for survival	Ask questions	Gather, record and classify data	Gather, record and classify data	Gather, record and classify data	Gather, record and classify data	Answer questions and make conclusions						
		Gather, record and classify data	Gather, record and classify data	Make observations	Make observations								
		Gather, record and classify data	Make observations	Make observations									
Humans		Gather, record and classify data	Gather, record and classify data	Make observations	Make observations								
		Gather, record and classify data	Make observations	Make observations									
		Make observations	Make observations										
Spring	Plants (light and dark)	Make observations	Make observations	Ask questions	Ask questions	Take measurements							
		Make observations	Ask questions	Ask questions	Take measurements								
		Make observations	Ask questions	Ask questions	Take measurements								
		Make observations	Ask questions	Ask questions	Take measurements								
		Make observations	Ask questions	Ask questions	Take measurements								
		Make observations	Ask questions	Ask questions	Take measurements								
	Living things and their habitats	Gather, record and classify data	Answer questions and make conclusions	Answer questions and make conclusions	Gather, record and classify data	Gather, record and classify data	Make observations	Gather, record and classify data	Answer questions and make conclusions	Gather, record and classify data			
		Gather, record and classify data	Answer questions and make conclusions	Answer questions and make conclusions	Gather, record and classify data	Gather, record and classify data	Make observations	Gather, record and classify data	Answer questions and make conclusions	Gather, record and classify data			
		Gather, record and classify data	Answer questions and make conclusions	Answer questions and make conclusions	Gather, record and classify data	Gather, record and classify data	Make observations	Gather, record and classify data	Answer questions and make conclusions	Gather, record and classify data			
		Gather, record and classify data	Answer questions and make conclusions	Answer questions and make conclusions	Gather, record and classify data	Gather, record and classify data	Make observations	Gather, record and classify data	Answer questions and make conclusions	Gather, record and classify data			
		Gather, record and classify data	Answer questions and make conclusions	Answer questions and make conclusions	Gather, record and classify data	Gather, record and classify data	Make observations	Gather, record and classify data	Answer questions and make conclusions	Gather, record and classify data			
		Gather, record and classify data	Answer questions and make conclusions	Answer questions and make conclusions	Gather, record and classify data	Gather, record and classify data	Make observations	Gather, record and classify data	Answer questions and make conclusions	Gather, record and classify data			
Summer	Plants (bulbs and seeds)	Make observations	Present findings	Ask questions	Take measurements								
		Make observations	Present findings	Ask questions	Take measurements								
		Make observations	Present findings	Ask questions	Take measurements								
		Make observations	Present findings	Ask questions	Take measurements								
	Growing up	Gather, record and classify data	Ask questions	Present findings	Gather, record and classify data	Make observations	Answer questions and make conclusions						
		Gather, record and classify data	Ask questions	Present findings	Gather, record and classify data	Make observations	Answer questions and make conclusions						
		Gather, record and classify data	Ask questions	Present findings	Gather, record and classify data	Make observations	Answer questions and make conclusions						
		Gather, record and classify data	Ask questions	Present findings	Gather, record and classify data	Make observations	Answer questions and make conclusions						
		Gather, record and classify data	Ask questions	Present findings	Gather, record and classify data	Make observations	Answer questions and make conclusions						
		Gather, record and classify data	Ask questions	Present findings	Gather, record and classify data	Make observations	Answer questions and make conclusions						
	Plants	Make observations	Make observations										
		Make observations	Make observations										
Wildlife	Ask questions	Answer questions and make conclusions											
	Ask questions	Answer questions and make conclusions											
Consolidation													

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Year 4 | Working scientifically skills mapping

Autumn	Group and classify living things					Data collection A		States of matter												
	Gather, record and classify data	Ask questions	Gather, record and classify data	Gather, record and classify data	Present findings	Gather, record and classify data	Gather, record and classify data	Gather, record and classify data	Answer questions and make conclusions	Ask questions	Take measurements	Plan	Gather, record and classify data	Answer questions and make conclusions	Ask questions	Make observations	Answer questions and make conclusions	Consolidation		
Spring	Sound					Data collection B		Electricity			Energy									
	Ask questions	Gather, record and classify data	Take measurements	Plan	Answer questions and make conclusions	Take measurements	Answer questions and make conclusions	Gather, record and classify data	Gather, record and classify data	Gather, record and classify data	Answer questions and make conclusions	Ask questions	Answer questions and make conclusions	Ask questions	Answer questions and make conclusions	Consolidation				
Summer	Data collection C			Habitats			Deforestation		The digestive system					Food chains						
	Gather, record and classify data	Gather, record and classify data	Present findings	Ask questions	Gather, record and classify data	Gather, record and classify data	Present findings	Ask questions	Present findings	Answer questions and make conclusions	Ask questions	Answer questions and make conclusions	Plan	Gather, record and classify data	Present findings	Answer questions and make conclusions	Answer questions and make conclusions	Gather, record and classify data	Gather, record and classify data	Present findings

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Year 5 | Working scientifically skills mapping

	Forces								Space						Global warming					
Autumn	Answer questions and make conclusions	Ask questions	Plan	Take measurements	Present findings	Plan	Take measurements	Answer questions and make conclusions	Answer questions and make conclusions	Answer questions and make conclusions	Gather, record and classify data	Present findings	Gather, record and classify data	Present findings	Answer questions and make conclusions	Answer questions and make conclusions	Present findings	Answer questions and make conclusions	Answer questions and make conclusions	Consolidation
Spring	Properties of materials								Animals including humans						Life cycles					
	Gather, record and classify data	Gather, record and classify data	Plan	Take measurements	Evaluate	Answer questions and make conclusions	Answer questions and make conclusions	Ask questions	Gather, record and classify data	Ask questions	Answer questions and make conclusions	Gather, record and classify data	Present findings	Present findings	Answer questions and make conclusions	Gather, record and classify data	Gather, record and classify data	Present findings	Present findings	Present findings
Summer	Reproduction A						Reversible and irreversible changes					Plastic pollution		Reproduction B		Consolidation				
	Present findings	Gather, record and classify data	Present findings	Answer questions and make conclusions	Plan	Take measurements	Evaluate	Gather, record and classify data	Take measurements	Present findings	Present findings	Answer questions and make conclusions	Answer questions and make conclusions	Present findings	Evaluate	Evaluate				

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Year 6 | Working scientifically skills mapping

Autumn	Living things and their habitats							Electricity					Renewable energy					
	Answer questions and make conclusions	Gather, record and classify data	Gather, record and classify data	Gather, record and classify data	Answer questions and make conclusions	Present findings	Answer questions and make conclusions	Gather, record and classify data	Gather, record and classify data	Gather, record and classify data	Plan	Take measurements	Evaluate	Answer questions and make conclusions	Present findings			
Spring	Light						Light pollution	The circulatory system				Diet, drugs and lifestyle						
	Answer questions and make conclusions	Gather, record and classify data	Gather, record and classify data	Plan	Take measurements	Gather, record and classify data	Answer questions and make conclusions	Answer questions and make conclusions	Answer questions and make conclusions	Answer questions and make conclusions	Present findings	Present findings	Answer questions and make conclusions	Answer questions and make conclusions	Answer questions and make conclusions	Plan	Take measurements	Evaluate
Summer	Variation		Adaptations				Fossils			Themed projects								
	Gather, record and classify data	Gather, record and classify data	Answer questions and make conclusions	Answer questions and make conclusions	Ask questions	Answer questions and make conclusions	Answer questions and make conclusions	Present findings	Consolidation	Ask questions	Plan	Make observations	Take measurements	Gather, record and classify data	Answer questions and make conclusions	Evaluate		

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