



The Tithe Farm Way:

Resilient pupils who have a life-long love of learning and are ready, respectful and safe in their choices.

Science Skills Progression

Nursey Skills Progression

Topic & Schema	Asking Questions	Making Predictions	Setting up tests	Observing & Measuring	Recording Data	Interpreting & communicating results	Results
Seasonal Changes				✓			
Materials	✓	✓	✓	✓			
Plants				✓			✓
Animals including humans				✓			
Light			✓	✓			
Rocks				✓			

Reception Skills Progression

Topic & Schema	Asking Questions	Making Predictions	Setting up tests	Observing & Measuring	Recording Data	Interpreting & communicating results	Results
Plants	✓			✓			
Animals including humans	✓						
Seasonal changes	✓	✓		✓	✓		



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Year 1 Skills Progression

Topic & Schema	Asking Questions	Making Predictions	Setting up tests	Observing & Measuring	Recording Data	Interpreting & communicating results	Results
Plants	✓	✓					
Materials	✓	✓	✓	✓	✓	✓	✓
Animals including humans	✓	✓					
Seasonal Changes	✓	✓	✓	✓	✓	✓	✓

Year 2 Skills Progression

Topic & Schema	Asking Questions	Making Predictions	Setting up tests	Observing & Measuring	Recording Data	Interpreting & communicating results	Results
Plants	✓	✓	✓	✓	✓	✓	✓
Materials	✓	✓	✓	✓	✓	✓	✓
Animals including humans	✓						
Living things & their habitats	✓	✓					



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Year 3 Skills Progression

Topic & Schema	Asking Questions	Making Predictions	Setting up tests	Observing & Measuring	Recording Data	Interpreting & communicating results	Results
Plants	✓	✓	✓	✓	✓	✓	✓
Animals including humans	✓	✓				✓	
Light	✓	✓	✓	✓	✓	✓	✓
Rocks	✓	✓		✓			
Forces & Magnets	✓	✓	✓	✓	✓	✓	✓

Year 4 Skills Progression

Topic & Schema	Asking Questions	Making Predictions	Setting up tests	Observing & Measuring	Recording Data	Interpreting & communicating results	Results
State of Matter	✓	✓	✓	✓	✓	✓	✓
Animals including humans	✓	✓					
Electricity	✓	✓	✓	✓	✓	✓	✓
Sound	✓	✓	✓	✓	✓	✓	✓
Living things and their habitats	✓	✓					



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Year 5 Skills Progression

Topic & Schema	Asking Questions	Making Predictions	Setting up tests	Observing & Measuring	Recording Data	Interpreting & communicating results	Results
Earth & Space	✓	✓				✓	✓
Forces & Magnets	✓	✓	✓	✓	✓		✓
Living things & their habitats	✓	✓					
Animals including humans	✓	✓					
Properties & change of materials	✓	✓	✓	✓	✓	✓	✓

Year 6 Skills Progression

Topic & Schema	Asking Questions	Making Predictions	Setting up tests	Observing & Measuring	Recording Data	Interpreting & communicating results	Results
Evolution & Inheritance	✓	✓	✓	✓	✓		
Animals including humans		✓	✓	✓		✓	✓
Light	✓	✓	✓	✓	✓	✓	✓
Electricity	✓	✓	✓	✓	✓	✓	✓
Living things and their habitats	✓	✓	✓	✓	✓		