

I can	Science - Year 5	Date			
Scientific Skills					
Working scientifically	Plan different kinds of fair experiments.				
	Tell you how I control variables in my experiments.				
	Take accurate measurements using a range of different scientific equipment.				
	Uses test results to ask further questions.				
	Tell you why it's important to take repeated measurements.				
	Record data using:				
	Labelled scientific diagrams.				
	Classification keys.				
	Tables.				
	Bar charts.				
	Line charts.				
	Scatter graphs				
	To be able to use results to predict what might happen in a different test.				
	Can identify opinions and facts that have been used to support or refute ideas or arguments.				
	Present my findings in a written report with an introduction, conclusion and results.				
Present my findings in an oral presentation with an introduction, conclusion and results.					
Scientific Knowledge					
Living things and their habitats	Describe the differences between the life cycles of:				
	A mammal.				
	A bird.				
	An insect.				
	An amphibian.				
	Describe the reproductive cycle of some plants.				
Describe the reproductive cycle of some animals.					

I can	Science - Year 5	Date	
Animals including humans	Describe how humans change as they age.		
States of matter Forces and magnets	Classify materials by:		
	Transparency.		
	Hardness.		
	Solubility.		
	Electrical conductivity.		
	Thermal conductivity.		
	Response to magnets.		
	Know that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution		
	Decide how mixtures might be separated, including through filtering, sieving and evaporating		
	Demonstrate that dissolving, mixing and changes of state are reversible changes		
Earth and Space	Give reasons, based on tests, for the particular uses of everyday materials, including metals, wood and plastic		
	Explain that some changes result in the formation of new materials (not usually reversible)		
	Describe the movement of the Earth, and other planets, relative to the Sun in the solar system		
	Describe how the Moon moves relative to the Earth.		
	Describe the shape of the Moon, Sun and Earth.		
Forces	Explain how day turns into night.		
	Explain the apparent movement of the sun across the sky		
	Explain why objects fall to Earth.		
	Tell you about the effects of air resistance, water resistance and friction.		
	Tell you how mechanisms allow a smaller force to have a greater effect.		