

I can	Science - Year 4	Tick	Date
Working scientifically	Ask relevant questions.		
	Use different types of experiments to answer questions.		
	Make careful observations and take accurate measurements using:		
	Thermometers.		
	Data loggers.		
	Rulers.		
	Add your own		
	Classify my results and present the data.		
	Record my in a report using:		
	Charts.		
	Graphs.		
	Diagrams.		
	Deliver an oral report on my findings.		
	Use the evidence from my results to give you a conclusion.		
	Evaluate the experiment and suggest improvements.		
Living things and their habitats	Tell you about how different living things can be grouped together.		
	Tell you about how environmental changes can affect living things.		
	Show you how to use a classification key.		
	Tell you about the lifecycle of a flowering plant.		

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Animals including humans	Tell you about the different parts of the human digestive system.		
	Tell you about the different types of teeth I have in my mouth.		
	Draw a food chain.		
States of matter	Group materials by state (solid, liquid, gas).		
	Describe what happens to water as it is heated and cooled.		
	Measure temperature in degrees Celsius.		
	Tell you about the water cycle.		
Forces/ magnets	Tell you how sounds are made.		
	Tell you how sound travels to your ear.		
	Tell you how the pitch of a sound depends on the object that produced it.		
	Describe volume in terms of vibrations.		
Electricity	Tell you what happens to a sound when you get further away from it.		
	Tell you some appliances that run on electricity.		
	Build a series electrical circuit and identify each element.		
	Tell you, by looking, whether a light will switch on in a circuit.		
	Tell you about how switches work in a circuit.		
	Tell you a list of common conductors.		
	Tell you a list of common insulators.		
Tell you why metal is a good conductor.			