

I can	Science - Year 3	Tick	Date
Working scientifically	Ask questions and conduct experiments to answer them.		
	Set up a fair practical experiment.		
	Take accurate measurements using:		
	Thermometers.		
	Data loggers.		
	Rulers.		
	Record what I have found out using scientific vocabulary.		
	Write what I have found out in a report.		
	Present what I have found to the class.		
	Use the results I have found to draw conclusions.		
	Tell you what is different, what has stayed the same and what has changed in an experiment.		
	Use the evidence from my own and other people's experiments to support what I have found.		
Plants	Tell you what the roots of a plant do.		
	Tell you what the stem or trunk of a plant does.		
	Tell you what the leaves of a plant do.		
	Tell you what the flowers of a plant do.		
	Tell you why different plants need different amounts of water, light and heat to grow and stay healthy.		
	Tell you how water is transported inside plants.		
	Tell you about the lifecycle of a flowering plant.		

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Rocks	Compare and group different kinds of rocks based on their:		
	Appearance.		
	Physical properties.		
	Describe how fossils are formed.		
	Explain what soil is made from.		
Light	Explain why we need light to see things.		
	Explain that dark is the absence of light.		
	Tell you why the sun is dangerous to the eyes.		
	Tell you how shadows are formed.		
	Tell you about reflected light.		
Forces and magnets	Tell you why shadows are sometimes long and sometimes short.		
	Tell you how things move on different surfaces.		
	Describe magnetic force.		
	Describe how magnets attract and repel each other.		
	Tell you some materials that are magnetic.		
	Tell you some materials that are not magnetic.		
	Group together materials based on if they are magnetic or not.		
Tell you about the poles of a magnet.			
Predict whether two magnets will attract or repel each other just by looking at which way the poles are facing.			