

I can	Science - Year 3	Dates			
	Scientific Skills				
Working scientifically	Ask questions and conduct experiments to answer them.				
	Set up a fair practical experiment.				
	Take and records 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.				
	Can use results to draw simple conclusions and make simple predictions.				
	Can explain what is different, what has stayed the same and what has changed in an experiment.				
	Can use the evidence from my own and other people's experiments to support what I have found.				
	Scientific knowledge				
Plants	Identify and describe what the roots of a plant do.				
	Identify and describe what the stem or trunk of a plant does.				
	Identify and describe what the leaves of a plant do.				
	Identify and describe what the flowers of a plant do.				
	Explore what different plants need different amounts of water, light and heat to grow and stay healthy.				
	Investigate how water is transported inside plants.				
	Explore the lifecycle of a flowering plant.				

Animals	Identify that animals, including humans, need the right types and amount of nutrition, from what they eat		
	Identify that humans and some other animals have skeletons and muscles for support, protection and movement.		
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	Recognise that we need light to see things.		
	Understand that that dark is the absence of light.		
	Recognise that light from the sun can be dangerous and that there are ways to protect their eyes		
	Understand how shadows are formed.		
	Notice that light is reflected from surfaces		
	Find patterns in the way that the size of shadows change.		
Forces and magnets	Compare how things move on different surfaces.		
	Describe magnetic force.		
	Describe how magnets attract and repel each other.		
	Identify some materials that are magnetic and others are not magnetic.		
	Compare and group together materials based on if they are magnetic or not.		
	Understand 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.		