Science Enquiry Overview

	EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Researching	Finding things in books e.g. animals	Which materials can be recycled?	What do you need in a healthy diet and why?	Food groups and how to keep healthy.	Parts of the digestive system.	Gestation period of different animals.	Different types of microbes and if they are always harmful.
	Watching videos and feeding information back to whole class	How are animals in Australia different to the animals we have in the UK?	How does the habitat of Arctic compare toe the habitat of the rainforest?	Why and how soils are formed.	Similarities and differences in the melting points of different materials.	Life cycles of different animals	How idea of electricity has changed over time.
						Pulleys, levers and gears	How food and water are transported around the body.
Identifying and	Simple groupings e.g. colours, transport, opposites	Naming the parts of a human body.	Which offspring belongs to which animal?	Animals with and without skeletons.	Types of teeth in mammals.	Grouping materials.	Microbes
Classifying	such as hot / cold	Things found in each season.	Which materials are shiny and which materials are	Different types of rocks – grains, crystals, fossils etc.	Solids, liquids and gases. Classification keys.	Phases of the moon. Stages in human life cycle.	Classification keys – vertebrates and invertebrates.
		Things that will float or sink.	dull?	grains, crystais, iossiis etc.	Classification keys.	Stages in numan me cycle.	Organs of the digestive system.
2	Biston di la colonida	Data and the line of the same	Balting and the same title	Time in the land of the same of the same		Barrada illa la comunicación	Colours that make up light.
Pattern Seeking	Distance things travel e.g. cars / trains along a pipe	Do trees with bigger leaves loose their leaves first in Autumn?	Do bigger seeds grow into bigger plants?	Time it takes different plants to grow.	Objects and the different sounds they make.	Do people with longer arms through further?	Is there a pattern between the size and shape of a bird's beak
		Do all tress loose their leaves		Are different mini beasts found in different places?	Link between the amount of noise in school and the time	What is the pattern between the size of planets and the	and the food it will eat?
		in Autumn? Are all doors made from the		The way magnets behave.	of day. Time is takes different ice	distance from the sun and the length of time it takes for	Do people with longer legs run faster?
		same material?		Patterns in the way shadows form.	lollies to melt.	them to orbit the sun.	
Observing Over Time	Ice	Height over the year.	What happens to my bean after I have planted it?	How water is transported in plants.	Time is takes different ice lollies to melt.	Length of the day at different times of the year.	What happens to bread if it is left for 2 weeks?
	Their own journey	Tree during different seasons.	How much food and drink do I have over a week?	Stages of a plant life cycle.	Evaporation time of a puddle.	Reversible and irreversible changes.	How does a shadow change over the day?
		Plant growing over time.		How shadows change throughout the day.	How egg shells change when left in different drinks.	How objects fall.	How much exercise I do during a week?
						Chicks hatching.	
Fair Testing				Friction – how things move	Melting temperature of	Length of babies. Which material is best for a	How does the length of time we
rail lesting				on different surfaces.	different substances.	warm jacket?	exercise for affect our heart rate?
					Does the length of wire affect how bright a bulb is?	What makes the best parachute?	How does the voltage of the batteries in a circuit affect the brightness of the lamp?
							Does the distance away from an object affect the size of the shadow?