

Science LTP: YEAR A (Odd starting year)			
	Autumn	Spring	Summer
KS1	<u>Animals including humans</u> (Y1) How can we organise animals at the zoo? [Identify and classify] <u>Seasonal changes</u> (Y1) Does the wind always blow the same way? [Pattern seeking]	<u>Everyday materials</u> (Y1) Which materials are the most absorbent? [Comparative test]	<u>Plants</u> (Y1) How do the plants at school change each week? [Observation over time]
LKS2	<u>Animals including humans</u> (Y3) Why do humans have skeletons? [Pattern seeking]	<u>Electricity</u> (Y4) Which is the most important: insulators or conductors? [Comparative test] <u>Forces and Magnetism</u> (Y3) Which materials are magnetic? [Identify and classify]	<u>Materials</u> (Y3) What happens when water keeps dripping on a sandcastle? [Observation over time] <u>Sound.</u> (Y4) Does volume change the further away you are from it? [Comparative test]
UKS2	<u>Living things and their habitats</u> (Y6) In what ways can we sort living things? [identify and classify]	<u>Light and sight</u> (Y6) Why do shadows change over the course of a day? [Observation over time] <u>Electricity</u> (Y6) How can we vary the effects of electricity? [Pattern seeking]	<u>Animals including humans</u> (Y5) Do plants and animals reproduce in the same way? [Comparative test – how does ages affect reaction time]

Science LTP: YEAR B (Even starting year)			
	Autumn	Spring	Summer
KS1	<u>Materials</u> (Y2) Which materials will float? [Comparative test] <u>Forces</u> (Y2) How can we change the way things move? [Pattern Seeking]	<u>Animals including humans</u> (Y2) How do animals change over time? [Observation over time]	<u>Living things and their habitats</u> (Y2) Why do different animals live in different places? [Identify and classify] <u>Plants</u> (Y2) Do bigger seeds grow bigger plants? [Pattern seeking]
LKS2	<u>Plants</u> (Y3) Why do plants have flowers? [Pattern seeking] <u>Living things and their habitats</u> (Y4) How can we sort the invertebrates we find at school? [identify and classify]	SUMMER <u>Materials (Solid, liquid, gases)</u> (Y4) Where do ice cubes go when they disappear? [Observation over time]	<u>Light and Sight</u> (Y3) What is a shadow? [Comparative test -how does the shadow size change when the distance between the object and screen changes] <u>Animals including humans</u> (Y4) What do our bodies do with the food we eat? [Observation over time]
UKS2	<u>Earth and Space</u> (Y5) How do we know what is moving in the solar system? [observation over time] <u>Forces</u> (Y5) How and why do objects move? [comparative test]	<u>Materials – mixtures and separation</u> (Y5) <u>Materials – changes</u> (Y5) Can mixtures ever be unmixed? [identify and classify]	<u>Animals including humans</u> (Y6) How do our choices impact how our bodies work? [Pattern seeking] <u>Evolution and Inheritance</u> (Y6) Who was more important: Charles Darwin or Mary Anning? [research]