Science Coverage Map

		Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Milepost 1	Year 1	6 Weeks	6 Weeks	6 Weeks	6 Weeks	6 Weeks	6 Weeks
			Treasure Island **Seasonal Changes**- Exploring the Earth, night and day.	**Green Fingers** **Plants-** using our senses to identify differences in plants, life cycle of a plant, conditions needed for growth. **Animals including humans**- Seed dispersal.			**The Earth our Home** **Plants** **Animals including humans-** classification, animals and their habitats, comparing habitats around the world, food chains.
	Year 2						
			From A to B **Forces**- planning a fair test, speed of falling (helicopter). **Super Humans** **Animals including humans-** parts of the human body, 5 sense, how we see, hear, smell taste.	**Buildings** **Use of everyday materials-** properties of different materials, stick ability, stretch, strength. **Forces-** changing variables, strength of a bridge.	**Live and Let Live** **Plants-** differences in seeds, plants and their environments, **Living things and their habitats-** characteristics of living things, needs and care of living things, **Seasonal Changes-** environments needed to thrive.	**Look at Listen** **Light and Sound**- how are sounds made, volume and light sources. **The Magic Toy Makes** **Use of everyday Materials-** features of different materials for toys, properties of materials linked to travel.	
Milepost 2	Year 3						
		How Humans Works **Animals including humans-** teeth and digestion, function of the skeleton and bones, nutrients needed to grow, circulatory system.	**Bright Sparks** **Electricity-** components of a circuit, conductors, electromagnet. **Light-** light sources and bulbs.	**Shake It** **States of matter**- changing states, melting, reversible and irreversible changes, physical and chemical changes.			**Scavengers and Settlers** **Rocks**- features of rocks and fossils, fossilisation process.
	Year 4						
			Making Waves **Sound-** how do we hear sounds, vibrations, measuring sound, how sound travels, similarities and differences between light and sound.	**Land, Sea and Sky** **Animals including humans-** how animals adapt to live in different environment, features of different animals, how living things are interdependent. **Plants-** functions of major plants, how plants adapt to live in water. **Rocks-** the water cycle, rock formation.			**Lets Plant It** **Plants-** what plants need to grow, how water is transported in plants, soil, scattering seeds. **Animals including humans-** food chains and food webs. **Feel the Force** **Forces**- friction, gravity, buoyancy.

Milepost 3	Year 5		**Space Scientists** **Earth and Space-** shape of the earth, magnets, earth, moon and sun, planets, phases of the moons, shadows and seasons.		**Roots, Shoots and Fruits** **Plants-** major parts and functions of a plant, how do flowers attract bees and butterflies, forms of seed dispersal, plants death.		**Being Human** **Animals including humans-** heart rate, function of bones, circulatory system, environmental factors for growth, genetic engineering.
	Year 6	**Existing, Endangered, Extinct** **Evolution and inheritance-** life cycles of humans, natural selection, decomposers, thriving and surviving. Living things and their **habitats-** food webs, causes of extinction. **Animals including humans-** classification, life cycles of living things.	**Full Power** **Electricity**- using switches, parallel circuits, conductors and insulators, transfer energy, using energy in homes.			**Fairgrounds** **Electricity-** kinetic energy Light- creating effects using lights, differences between light and sound. **Forces-** laws of motion, friction affecting movement, effects of forces, properties of magnets	**Bake It** **Properties and changes of materials**- matter, heating and cooling, solubility, separating mixtures, grouping and classifying according to properties.

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