



Science Overview

	Theme 1	Theme 2	Theme 3	Theme 4	Theme 5
Year 3	Rocks Rocks, fossil and soil.	Light Lights and shadows	Animals including humans Nutrition and skeleton.	Forces and magnets Identify magnetic materials and investigate magnetic forces.	Plants Functions and life cycle of flowering plants.
Revisit learning in...	<i>Science: Forest Schools/Plants. Geography: The UK topic - The geology of an area is one of the key factors influencing the shape of the landscape: Stronger, more resistant rocks tend to produce highland areas, whereas weaker rocks tend to form lowland. History: Mummifying a tomato.</i>	<i>Science: British Science week.</i>	<i>Science: Healthy Eating Week in June. History: Ancient Egypt -mummification. Geography – there are big scary animals in the River Nile, such as crocodiles. Create a food chain that contains a crocodile.</i>	<i>History: Ancient Egypt - Legend has it that Cleopatra slept with a magnetic stone on her forehead to preserve her youthful appearance. Explore how magnets were used by Egyptians.</i>	<i>Science: Year 4 Living things and their habitats.</i>
Year 4	Sound How sound travels, volume and vibrations.	States of matter Solids, liquid, gases, changing states and water cycle.	Electricity Conducting simple electrical circuits.	Animals including humans Digestive system, teeth and food chains.	Living things and their habitats Changes in environment and group/classify living things.
Revisit learning in...	<i>Music: How sounds travel unit. History/DT: Ancient Greek children were given rattles made of clay with beads in – design and make your own loud/quiet rattle.</i>	<i>Physical Geography: Changes of state (water cycle).</i>	<i>Science: British Science week.</i>	<i>Science: Healthy Eating Week in June. Science: Living things and their habitats. Science: Diet of Greek soldiers for battle. Was it balanced?</i>	<i>Science: Year 5 Living things and their habitats. Geography: Aristotle - How the weather in England and Greece change over time. Monitor the two over a week. Geography: Goddess Demeter – helped plants grow. Compare Egypt climate to ours for growth.</i>
Year 5	Forces Gravity/Earth, air, water and friction resistance.	Living things and their habitats Life cycles and reproduction.	Earth and Space Movement of Earth	Properties and changes of material Properties and changes of materials (Part 1) Changes of state (Part 2)	Animals including humans Changes to old age.
Revisit learning in...	<i>Science: British Science week. Physical geography: Earthquakes occur as a result of friction and build up of pressure between plates.</i>	<i>Science: Animals including humans.</i>	<i>Science: Forces History: History of moon landings.</i>	<i>Geography: Reversible/irreversible changes (Climate Change) – Earth Day. History/DT: Romans dyed their clothes with different parts of plants, such as beetroot and blueberries. Can you make your own?</i>	<i>Science: Year 6 – Animals, including humans and Evolution and Inheritance.</i>
Year 6	Living things and their habitats Describe and classify plants and animals.	Light How light travels and how we see things.	Animals, including humans Circulatory system, nutrients and water transportation. Impact of drugs, diet and exercise.	Electricity Simple circuits, voltage of cells, brightness of bulbs.	Evolution and inheritance How fossils have changed over time, how off springs vary and how animals and plants adapted to suit environment.
Revisit learning in...	<i>Geography: Climate change/Earth Day (adaptation to environment).</i>	<i>Science: Electricity. History: The sun was the most important object in the sky for Mayans. Why is the sun so important for life?</i>	<i>Science: Healthy Eating Week in June. History: Explore the effect of Anglo Saxons' diet on their bodies (beer instead of water).</i>	<i>Science: Fire Prevention Week. History: Reliability of electricity in WW2.</i>	<i>Science: Animals, including humans. Geography: Classifying animals from the rainforest.</i>

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