



Science Long Term Plan: Topic Coverage Map

Cultural Capital

Phase	Autumn Term		Spring Term		Summer Term	
Year 1/2						
Year A	Marvellous Me	Brilliant Britain	Let's Explore	A Knight's Tale	Beside the Seaside	Journeys
	Ourselves <i>Our bodies and senses</i>	Seasonal Changes <i>Autumn Walk</i> <i>Winter weather</i>	Animals, including Humans <i>Looking after pets</i>	Materials <i>Visit to Warwick Castle – building materials</i>	Plants <i>What's growing in our gardens? What is inside a flower?</i> Seasonal Changes <i>Spring into Summer</i>	Uses of Everyday Materials <i>Testing materials</i> <i>Visit to Transport Museum</i>
Year B	Superheroes	Sparks and Flames	Pole to Pole	Farm to Fork	Under the Sea	Toys Past and Present
	Animals, including Humans <i>Healthy eating/ Exercise/Hygiene</i> <i>Talk from nurse</i>	Everyday Materials <i>Great Fire of London</i> <i>Fireworks</i> <i>Diwali</i>	The Environment <i>Climate change</i> <i>Recycling</i>	Plants <i>Growing cress</i> <i>Growing beans</i>	Living Things and their Habitats <i>Visit to Sealife Centre</i> <i>Minibeast Hunt</i> <i>Food chains</i>	Materials and their Properties <i>Wooden/plastic/metal/fabric toys</i>
Year 3/4						
Year A	Stone Age to Iron Age Romans		Anglo-Saxons and Vikings Europe		Food Glorious Food	
	Rocks <i>Rocks and soils</i>	Forces and Magnets <i>Attract, repel, poles</i>	Electricity <i>Electrical appliances</i> <i>Simple circuits</i> <i>Switches</i> <i>Conductors and insulators</i> <i>Visit to Thinktank Science Museum</i>		Animals including Humans <i>Digestion/Nutrition talk</i> <i>Teeth</i> <i>Food chains</i> <i>Skeletons and muscles</i> <i>Visit to Chocolate Factory</i>	
Year B	Walk Like an Egyptian		Home and Away: UK, North America, St Lucia		Eco-Warriors: South America and Rainforests	
	Light and Sound <i>Light, dark, shadows</i> <i>Sun safety</i> <i>Vibrations</i> <i>The ear</i> <i>Pitch and volume</i>		States of Matter <i>Solid, liquid or gas?</i> <i>Changes of state</i> <i>Evaporation, condensation, temperature</i> <i>Water cycle</i>		Plants <i>Growing flowers: life cycle of flowering plants</i> <i>Functions of parts</i>	Living Things and their Habitats <i>Grouping living things</i> <i>Environmental change</i> <i>Visit to Zoo – habitat talk and tour</i> <i>Animals in Hands</i>
Year 5/6						
Year A	Land Ahoy: The Tudors		Earthwatch		Ancient Greece	
	Living Things and their Habitats; Classification <i>Life cycles of plants and animals</i> <i>Scientist Study: Attenborough</i>		Animals including Humans <i>Growth and development of humans</i> <i>Comparing gestation</i> <i>Scientific research: relationship between diet, exercise, drugs, lifestyle and health.</i>		Properties and Changes of Materials <i>Reversible/irreversible</i> <i>Dissolving/solutions/separation – filtering, sieving and evaporation</i>	
Year B	World Wars		Africa		The Victorians and the Industrial Revolution	
	Forces; Earth and Space <i>Gravity: Newton</i> <i>Air resistance, water resistance and friction</i> <i>Mechanisms: levers, pulleys and gears</i> <i>Visit to National Space Centre</i>		Light and Electricity <i>Light sources and how light travels</i> <i>Our eyes</i> <i>Recognised symbols in circuits</i> <i>Residential Dol y Moch in North Wales – Slate Mine visit/ XP</i>		Evolution and Inheritance <i>Adaptation</i> <i>Fossils: who was Mary Anning?</i> <i>Scientist Study: Darwin/Wallace</i>	