



### Christ Church CE (c) Primary School – Science Long Term Planning

Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Development Matters (EYFS)	KS1 Working Scientifically		LKS2 Working Scientifically		UKS2 Working Scientifically	
<b>Biology</b> - UTW: Describe what they see, hear and feel whilst outside. (including naming some animals)		<b>Biology</b> - Living things and their habitats (suitable habitats/simple food chains)		<b>Biology</b> - Living things and their habitats (grouping and simple classifying/ changes to habitats can pose dangers e.g. deforestation)	<b>Biology</b> - Living things and their habitats (life cycles)	<b>Biology</b> - Living things and their habitats (classifying, micro-organisms)
<b>Biology</b> - UTW: Describe what they see, hear and feel whilst outside. (including naming some plants)	<b>Biology</b> - Plants (names and structure of plants)	<b>Biology</b> - Plants (conditions for growing)	<b>Biology</b> - Plants (parts of a flower, functions and life cycle, pollination)	<b>Biology</b> - Plants link to Living Things - the environment, seaweed belts, green spaces, simple classifying plants	<b>Biology</b> - Plants link to Living Things - Recap life cycle of a plant and plant reproduction	<b>Biology</b> - Plants link to Living Things - classifying plants Plants link to evolution - How have plants adapted to suit their environment
<b>Biology</b> - PSED: Managing self: e.g. hygiene, healthy food choices.	<b>Biology</b> - Animals, including humans (naming animals and body parts)	<b>Biology</b> - Animals, including humans (health and growth)	<b>Biology</b> - Animals, including humans (skeletons and nutrition)	<b>Biology</b> - Animals, including humans (Teeth, eating and digestive system)	<b>Biology</b> - Animals, including humans (changes in humans as they grow)	<b>Biology</b> - Animals, including humans (health and circulatory system)
			<b>Chemistry</b> - Link to Rocks - fossil formation, life millions of years ago			<b>Biology</b> - Evolution and inheritance (adaptation and variation)
<b>Chemistry</b> - UTW: Explore the natural world around them. Natural processes Materials/states of matter e.g ice melting, a boat floating on water	<b>Chemistry</b> - Everyday Materials	<b>Chemistry</b> - Uses of everyday materials	<b>Chemistry</b> - Rocks (types of rock, permeable, properties etc.)		<b>Chemistry</b> - Properties of Materials and changes of materials	
				<b>Chemistry</b> - States of Matter		<b>Chemistry</b> - Changes of materials (reversible and Irreversible in different contexts)
<b>Physics</b> - UTW: Explore the natural world around them. Natural processes Light e.g. travelling through transparent material	<b>Physics</b> - Light (sources & exploratory unit)		<b>Physics</b> - Light (need light to see, darkness, reflection, dangers, shadows)			<b>Physics</b> - Light (appears to travels in straight lines, exploration around this)
<b>Physics</b> - UTW: Explore the natural world around them. Natural processes Sound e.g. a sound causing a vibration		<b>Physics</b> - Sound (sources /exploratory unit)		<b>Physics</b> - Sound (vibrations and volume Pitch, changing pitch, Doppler effect)		
<b>Physics</b> - UTW: Explore the natural world around them. Natural processes Forces e.g. magnets, forces the can feel	<b>Physics</b> - Forces (exploratory unit)		<b>Physics</b> - Forces and Magnets (friction/magnets)		<b>Physics</b> - Forces (gravity, friction, air & water resistance, levers pulleys and gears)	
<b>Physics</b> - UTW: The effect of changing seasons on the world around them.	<b>Physics</b> - Seasonal Change (all seasons return to throughout year)				<b>Physics</b> - Earth and Space (planets, moon phases)	
				<b>Physics</b> - Electricity (uses, clean energy, making circuits)		<b>Physics</b> - Electricity (circuit diagrams, repairing circuits)



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