



SCIENCE KNOWLEDGE & SKILLS PROGRESSION - ADDITIONAL UNITS

EYFS	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	YEAR 6
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	<p><u>Seasonal Changes</u></p> <p>I can observe changes across the four seasons.</p> <p>I can observe and describe weather associated with the seasons and how day length varies</p>		<p><u>Rocks</u></p> <p>I can compare and group together different kinds of rocks on the basis of their appearance and simple physical properties.</p> <p>I can describe in simple terms how fossils are formed when things that have lived are trapped within rock.</p> <p>I can recognise that soils are made from rocks and organic matter.</p>	<p><u>States of Matter</u></p> <p>I can compare and group materials together, according to whether they are solids, liquids or gases.</p> <p>I can observe that some materials change state when they are heated or cooled, and measure or research the temperature at which this happens in degrees Celsius (°C).</p> <p>I can identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature.</p> <p><u>Sound</u></p> <p>I can identify how sounds are made, associating some of them with something vibrating.</p> <p>I can recognise that vibrations from sounds travel through a medium to the ear.</p> <p>I can find patterns between the pitch of a sound and features of the object that produced it.</p> <p>I can find patterns between the volume of a sound and the strength of the vibrations that produced it.</p> <p>I can recognise that sounds get fainter as the distance from the sound source increases.</p>	<p><u>Earth and Space</u></p> <p>I can describe the movement of the Earth and other planets relative to the sun in the solar system.</p> <p>I can describe the movement of the moon relative to the Earth.</p> <p>I can describe the sun, Earth and moon as approximately spherical bodies.</p> <p>I can use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky.</p>	<p><u>Evolution and Inheritance</u></p> <p>I can recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago.</p> <p>I recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents.</p> <p>I can identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution.</p>
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"The important thing is to never stop questioning."
 ~Albert Einstein

