

<p>All Living Things Life Cycles</p>	<p>Animals Growing Up</p>	<p>Properties & Materials Changing States</p>	<p>Earth & Space Earth Explorers</p>	<p>Forces Resistance</p>
<ol style="list-style-type: none"> I can describe the differences in the life cycle of a mammal, an amphibian, an insect and a bird. I can describe the life process of reproduction in some plants and animals. 	<ol style="list-style-type: none"> I can describe the changes as humans develop from birth to old age. 	<ol style="list-style-type: none"> I can use knowledge of states of matter to decide how mixtures might be separated, inc. sieving, filtering and evaporating. I can compare and group together everyday materials based on hardness, solubility, transparency, conductivity, and response to magnets. I can give reasons, based on evidence from comparative and fair tests, for the use of everyday materials. I can demonstrate that dissolving, mixing and changes of state are reversible. I can explain that some changes result in the formation of new materials and are not usually reversible. I can understand that some materials will dissolve to form a solution, and describe how to recover this. 	<ol style="list-style-type: none"> I can describe the movement of the Earth, and other planets, relative to the sun in the solar system. I can describe the movement of the moon relative to the Earth. I can describe the sun, Earth and moon as approx. spherical bodies. I can use the idea of the Earth's rotation to explain day and night. 	<ol style="list-style-type: none"> I can identify effects of air resistance, water resistance and friction, that act between moving surfaces. I can recognise that some mechanisms, inc levers, pulleys and gears allow a smaller force to have greater effect. I can explain that unsupported objects fall towards Earth because of gravity acting between Earth and the falling object.
<p>Children exceeding Y5 expectations (working at mastery level)</p>	<p>Children exceeding Y5 expectations (working at mastery level)</p>	<p>Children exceeding Y5 expectations (working at mastery level)</p>	<p>Children exceeding Y5 expectations (working at mastery level)</p>	<p>Children exceeding Y5 expectations (working at mastery level)</p>
<p>Children working towards Y5 expectations</p>	<p>Children working towards Y5 expectations</p>	<p>Children working towards Y5 expectations</p>	<p>Children working towards Y5 expectations</p>	<p>Children working towards Y5 expectations</p>