



St Andrew's C of E Maghull Science Knowledge Organiser



Year 6 – Spring 1 – Evolution and Inheritance

<u>Knowledge</u>	<u>Vocabulary</u>	<u>Lesson Sequence</u>
<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 can 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>	<p>Offspring - Living things create offspring when they reproduce.</p> <p>Vary - to differ or change.</p> <p>Characteristics - a feature or property of something that we can use to help identify it.</p> <p>Adapted - a feature of a plant or animal that helps them to survive in their habitat.</p> <p>Inherited - the process of passing on physical features from parent to offspring when they reproduce. Something which is inherited has been received from an ancestor.</p> <p>Species - a group of animals or plants that are similar and can have babies together.</p> <p>Evolution - the process by which living things change over time.</p>	<p>Lesson 1 – I can describe what fossils can tell us about things that lived in the past.</p> <p>Lesson 2 – I can describe how offspring of different animals are similar but not identical to their parents. I can identify inherited and environmental characteristics of different offspring.</p> <p>Lesson 3 – I can describe some adaptations in a range of animals. I can describe some adaptations in a range of plants.</p> <p>Lesson 4 - I can model how different shaped beaks are adapted to suit different food sources. I can explain the meaning of 'survival of the fittest' and give examples in animals or plants.</p> <p>Lesson 5 - I can research a living thing that has evolved over time.</p>