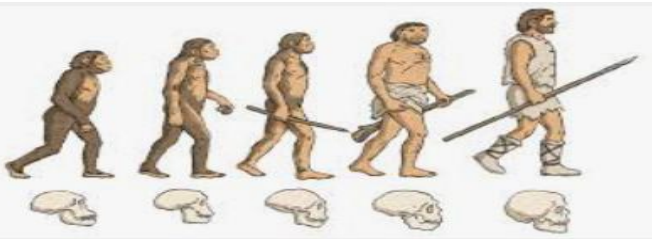








# St John Fisher RC Primary School

## Year 6 Knowledge Organiser – Summer One - Science

What we will be learning	Key Facts to Remember
<p><b>I know:</b></p> <p><b>Week 1</b> -How living things have changed over time - That fossils provide information about living things that inhabited the Earth millions of years ago.</p> <p><b>Week 2</b> - That living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents -When considering different breeds of dogs I can see how characteristics are passed from parents to their offspring, for example, what happens when Labradors are crossed with poodles.</p> <p><b>Week 3 and 4</b> -How animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution. - That variation in offspring over time can make animals more or less able to survive in particular environments, for example the development of insulating fur on the arctic fox. - Some living things are adapted to survive in extreme conditions, for example, cactus and camel.</p>	<ul style="list-style-type: none"> <li>Fossils provide evidence of living things that lived years ago</li> <li>Offspring are not identical to their parents but can have some similar characteristics</li> <li>Over time, animals have adapted so that they can live in some harsh conditions</li> </ul>
<b>Key Vocabulary and Glossary</b>	
<b>inheritance</b>	<b>genetic information is passed from a parent to a child</b>
<b>offspring</b>	<b>young creation of living organisms</b>
<b>characteristics</b>	<b>distinguishing features of an organism</b>
<b>adaptation</b>	<b>the evolutionary process whereby an organism becomes better able to live in its habitat or habitats</b>
<b>evolution</b>	<b>process that results in changes in the genetic material of a population over time</b>
<b>fossils</b>	<b>the preserved remains of plants and animals whose bodies were buried in sediments, such as sand and mud, under ancient seas, lakes and rivers</b>
<b>Key Knowledge: Evolution is a process that results in changes over time</b>	
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