



St John Fisher RC Primary School

Year 6 Knowledge Organiser – Summer 2 - Science

What we will be learning	Key Facts to Remember	
<p>I know:</p> <p>Week 1 -How living things have changed over time - That fossils provide information about living things that inhabited the Earth millions of years ago.</p> <p>Week 2 - 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>Week 3 and 4 -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"> • Fossils provide evidence of living things that lived years ago • Offspring are not identical to their parents but can have some similar characteristics • Over time, animals have adapted so that they can live in some harsh conditions 	
	Key Vocabulary and Glossary	
	inheritance	genetic information is passed from a parent to a child
	offspring	young creation of living organisms
	characteristics	distinguishing features of an organism
	adaptation	the evolutionary process whereby an organism becomes better able to live in its habitat or habitats
	evolution	process that results in changes in the genetic material of a population over time
	fossils	the preserved remains of plants and animals whose bodies were buried in sediments, such as sand and mud, under ancient seas, lakes and rivers
Key Knowledge: Evolution is a process that results in changes over time		