

Medium Term Planning

Unit:	Evolution
Year Groups:	Year 6

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Lesson	Knowledge	Previously Taught	New Vocabulary
1	<p>I know that offspring means the young animal or plant that is produced by the reproduction of the same species.</p> <p>I know that offspring may look similar to their parents because features are passed on.</p> <p>I know that a characteristic is a feature of any organism.</p> <p>I know that environmental factors can cause variation.</p> <p>I know that some characteristics are inherited such as eye colour and hair colour.</p>		Offspring, characteristic, environmental, variation, inherited.
2	<p>I know that adaptation means changed or altered.</p> <p>I know that evolution means things have adapted over time.</p> <p>I know that evolution is the process by which different kinds of living organisms have developed from earlier forms. This process happens over millions of years.</p> <p>I know that natural selection happens due to the features of the environments in which animals and plants live.</p> <p>I know that animals/plants that are better suited to their environment are more likely to survive.</p>		Adaptation, evolution, organisms, natural selection, environment, animal, plants, suited.
3	<p>I know that evolution means things have adapted over time.</p> <p>I know that characteristics of species are influenced by the environment the species lives in.</p> <p>I know that a cacti's stems, roots and spines are adapted to survive in the desert.</p> <p>I know that a penguin's feathers, skin and feathers are adapted to survive in arctic conditions</p> <p>I know that adaptations can develop as a result of many things, such as climate and food sources.</p> <p>I know that a suitable environment provides shelter, water, enough space and food.</p>	Evolution, adapted, characteristics, adaptations.	adapted, species, environment, survive, suitable.



4	<p>I know that a theory is a logical idea based on the interpretation of scientific investigations, observations and evidence.</p> <p>I know that a fossil is the remains or imprint of a prehistoric plant/animal that has been preserved in a rock.</p> <p>I know that fossils let scientists know how animals used to look millions of years ago.</p> <p>I know that fossils are a source of proof that living things have evolved over time.</p>		Theory, fossil.
5	<p>I know that a theory is a logical idea based on the interpretation of scientific investigations, observations and evidence.</p> <p>I know that during the evolution process, many species become extinct.</p> <p>I know that a fossil is the remains or imprint of a prehistoric plant/animal that has been preserved in a rock.</p> <p>I know that fossils let scientists know how animals used to look millions of years ago.</p> <p>I know that fossils are a source of proof that living things have evolved over time.</p> <p>I know that a cladogram is a diagram showing the relationship between a number of species.</p>	Theory, evolution, species, fossil, evolved.	Cladogram.