

ALMOND HILL JUNIOR SCHOOL MEDIUM TERM PLAN



TOPIC TITLE/SUBJECT: Science – Evolution and Inheritance

YEAR GROUP: 6

TERM: Autumn 1

<p>Vocabulary.</p> <p>Species, environment, adaptation, cycle, offspring, camouflage, reproduction, evolution, predators, inheritance, fossils, natural selection, survival of the fittest, natural selection</p>	<p>Skills <i>Enquiry and working scientifically skills (UKS2)</i></p> <ul style="list-style-type: none"> • plan different types of scientific enquiries to answer questions, including recognising and controlling variables where necessary • take measurements, using a range of scientific equipment, with increasing accuracy and precision, taking repeat readings when appropriate • record data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, scatter graphs, bar and line graphs • use test results to make predictions to set up further comparative and fair tests • report and present findings from enquiries, including conclusions, causal relationships and explanations of and degree of trust in results, in oral and written forms such as displays and other presentations • Identify scientific evidence that has been used to support or refute ideas or arguments. 	<p>What we already know As part of their general knowledge, some children may know some basic concepts about ‘evolution’ including...</p> <ul style="list-style-type: none"> • Different ‘types’ of animal have different variations (e.g different breeds of dog) • Children often look like their parents or develop similar features. <p><u>KS2 knowledge</u></p> <ul style="list-style-type: none"> • Y3/A1 – Rocks – Fossils are the remains of creatures that once lived. Who was Mary Anning? • Y5/Su – Living things produce offspring, reproduction methods and gestation periods of animals including humans, how humans change over time.
<p>Application Outcomes</p> <ul style="list-style-type: none"> • Designing a new animal species and explaining features and adaptations • Outdoor learning – adaptations in local environment • Peppered moth • Exploring inherited traits through a range of ‘cross-breeds’ • Explanation of how the Earth has changed over time. • Research Charles Darwin’s’ theory of evolution • Animal adaptations (survival of the fittest) 		<p>Concepts</p> <ul style="list-style-type: none"> • Evolution is an understanding based on scientific theory and evidence from the past • Inheritance is the passing on of features to offspring in all living things • Adaptation supports survival and evolution • Living things change over time
<p>Other/Cross -Curricular links with English/Maths/Adaptation for SEND SEND – (word banks, differentiated tasks, adult support, use of iPads for research etc) RE – Views on how the world was created</p>		
Empty space for additional notes or resources		

