



# Adaptation

n., ædæp'teɪʃən

The process or the state of adjusting or changing to become more suited to an environment; the trait as a result of the process

<p style="text-align: right;"><i>ENGLISH</i></p> <p><b>We are memoirists...</b> Writing a Ship's Log in character as Michael (the main character from our class text, Kensuke's Kingdom) recounting and reflecting on the recent events of our worldwide adventure on the Peggy Sue! We will be focusing on informal voice, descriptive vocabulary and cohesion.</p> <p><b>We are story tellers...</b> Publishing an action-packed, narrative extract continuing Kensuke's Kingdom, using descriptive language and speech to convey character and advance the action!</p> <p><b>We are reporters...</b> Publishing a news report about a missing person linked to class text The Giant's Necklace (focusing on formality, cohesion and use of direct and reported speech).</p>	<p style="text-align: right;"><i>RE</i></p> <p><b>We are theorists....</b> Investigating free choice. Discovering humanist's views and comparing complimentary and contradicting ideas of Darwin's theory with the Genesis creation story.</p>	<p style="text-align: right;"><i>HISTORY</i></p> <p><b>We are chronologists...</b> <i>Travelling back in time to relive the life of Charles Darwin and his achievements.</i></p> <p><b>We are chroniclers...</b> <i>Discovering the work of Mary Anning and her impact on life today.</i></p>	<p style="text-align: right;"><i>MATHS</i></p> <p><b>We are number partitioners...</b> Read, write, order and compare numbers up to 10,000,000, understanding the value of the digits. Investigate negative numbers in context and calculate intervals across zero.</p> <p><b>We are number analysts...</b> Add, subtract, multiply and divide numbers using a range of methods and selecting the most efficient method depending on the question. Solve multi-step problems in relation to these methods.</p> <p><b>We are fraction specialists...</b> Use common factors to simplify fractions; use common multiples to express fractions in the same denomination. Recall and use equivalences between simple fractions, decimals and percentages, including in different contexts.</p>	
<p style="text-align: right;"><i>SRE/PSHE</i></p> <p><b>We are global citizens...</b> Beginning to critically examine how sources of information are presented in the wider world. Understanding how this can mislead or misinterpret the public from Darwin to the present day.</p>	<p style="text-align: right;"><i>PE</i></p> <p><b>We are motivators...</b> Setting and achieving targets for weekly goals to increase out stamina within cardio exercises.</p>	<p style="text-align: center;"><b>Origin of the species</b></p> <p style="text-align: center;"><b>Y6 Autumn Term Expedition</b></p>	<p style="text-align: right;"><i>COMPUTING</i></p> <p><b>We are explorers...</b> Virtually travelling across the Galapagos islands to plan our journey and locations.</p>	<p style="text-align: right;"><i>ORACEY</i></p> <p><b>We are orators...</b> <i>Working in a team sharing and building on ideas.</i></p>
<p style="text-align: right;"><i>SCIENCE</i></p> <p><b>We are specimen collectors...</b> Exploring our natural habitat to observe the variety of plants which grow in a quadrant. Collecting samples to recognise and classify different plant species. Using pressed flowers, journal their classification label and identify parts of a flower.</p> <p><b>We are investigators...</b> Exploring variations in bird beaks and assessing how these adaptations can help with species survival. Discovering the effects of variation in human DNA and how this has led to adaptations.</p>	<p style="text-align: right;"><i>GEOGRAPHY</i></p> <p><b>We are cartographers...</b> Plotting Darwin's voyage around the world on hand sketched maps. We are travellers... Exploring the Galapagos islands and plotting our journey of discoveries along the way.</p>		<p style="text-align: right;"><i>MFL</i></p> <p><b>We are linguists...</b> Understanding and telling the time in French and understanding the different time zones.</p>	<p style="text-align: right;"><i>Design and Technology</i></p> <p><b>We are bookbinders...</b> Designing and analysing previous sketch book designs. Using our research to design sketchbooks to capture ideas in the style of Charles Darwin. Assessing appropriate methods to bind pages to create out sketch books.</p>
<p style="text-align: right;"><i>MUSIC</i></p> <p><b>We are instrumentalists...</b> <i>Exploring Pop and Motown music and beginning the play the Glockenspiel.</i></p>				

Recommended Reads	Key Words	W I L D
<p><b>Adults</b>  <i>Stone Girl, Bone Girl</i> Laurence Anholt  <i>Journey to the River Sea</i> Eva Ibbotson  <i>Evolution: The Whole Life on Earth Story</i> Glenn Murphy</p> <p><b>Children</b>  <i>Sky Hawk</i> Gill Lewis  <i>Lost Worlds</i> Andrew Lane  <i>The Tree of Life</i> Peter Sis  <i>All about Evolution</i> Robert Winston  <i>What Mr Darwin Saw</i> Mick Manning and Brita Granstrom  <i>Charles Darwin</i> Cath Senker  <i>What is Evolution?</i> Louise Spilsbury  <i>Animals</i> Camilla de le Bedoyere  <i>Islands: A story of the Galapagos</i> Jason Chin  <i>The story of planet Earth</i> Abigail Wheatley</p>	<p><b>adaptation</b>  a genetically inherited trait that improves an organism's chances of surviving and reproducing.</p> <p><b>artificial selection</b>  A process where humans select which organisms breed, based upon desirable traits.</p> <p><b>endangered species</b>  A species at risk of becoming extinct.</p> <p><b>evolution</b>  The changes and developments that animals, plants and other organisms go through over a very long period of time due to changes taking place in their DNA.</p> <p><b>extinct</b>  An animal or plant species that has died out and is no longer present in the world population.</p> <p><b>fossils</b>  The remains of a once-living organism preserved in rock.</p> <p><b>Habitat</b>  The place where an animal, plant or any other type of organism lives and reproduces.</p> <p><b>inheritance</b>  The transfer of traits, such as eye colour, from parents to their offspring.</p> <p><b>natural selection</b>  A process, proposed by Charles Darwin, which causes gradual evolutionary changes in a species.</p> <p><b>species</b>  A group of organisms that have common characteristics and can breed.</p> <p><b>specimen</b>  A sample of living, dead or preserved animal or plants which can be used for testing.</p>	<p><b>FOREST</b></p> <p><i>We are naturists...</i>  <i>Building quadrants to conduct surveys to investigate the environments effects on the plants that grow there.</i>  <i>Building our survival skills to sharpen and create our own tools.</i>  <i>Observing the local area to record animals in their natural habitat and compare these with species Darwin would have investigated.</i></p>
<p><b>Rights Respecting</b>  Article 12 - The right to an opinion  Comparing and listening to other valuable opinions. Accept that not everyone believes the same (beach ball).  Article 13 - The right to find things out.  Investigating Darwin's theories and understanding his ideas.  Article 28 - The right to a good quality education.</p>		<p><b>Useful Links</b></p> <p><a href="#">How to Draw Leaves and Botanicals   Relaxing, Journaling, Beginner - YouTube</a></p> <p><a href="#">alicesdrawing - YouTube</a></p>