Science Focus Evolution Year 6 Spr I and 2

	V V l - l		
14/1	Key Knowledge		
What is	Evolution is the way that living things		
evolution?	change over time.		
Do things	We know that living things used to look		
enolne?	a lot different to how they do now. We		
	know this because fossils have been		
	found that show creatures that look a		
	lot different to how they		
	Fossils show us that live	ang things have	
11 1	changed over time.		
How do	A gamous scientist, Charles Darwin		
things	observed that although individuals in		
enolne?	a species shared similarities, they were		
	not exact copies of each other		
	He noticed that there were small		
	differences or variations between them.		
	He also noticed that everything in the		
	natural world was in competition.		
	The winners were those that had		
	characteristics which made them better		
	adapted for survival. For example, they		
	were stronger, faster, cleverer or more		
	attractive than others is	M	
	• These living things were		
	reproduce and pass on their useful		
	characteristics to their offspring.		
	 Individuals that were poorly adapted 		
	were less likely to survive and their		
	characteristics were not as likely to be		
	inherited. Over time, the characteristics that help		
	survival become more common and a		
	species <mark>g</mark> radually changes. Given e <mark>no</mark> ugh t <mark>i</mark> me, these small changes can		
	add up to the extent the		
	altogether can evolve	ui ii new species	
What's			
the	Living things produce offspring of the		
important	same ki <mark>nd.</mark> For example, owl	· · ·	
thing to	owls and humans produce baby humans		
know?	BUT Normally offspring vary and are not		
	identical to their parents.		
So what?	7//		
	Grantar Danth	is can land to	
	<u>Greater Depth</u>	is can lead to zly or less	
	Thinking	environment.	
	 Show understanding 	m more likely to	
		rely to be alive	
	of a concept by	heir officing	
	using scientific	is more likely n this s ecies.	
	vocabulary correctly.	n this s ecies. alve to a rcome	
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Year 6	Sprland 2	
Key Vocabulary		
Fossils	A fossil is the	
	naturally preserved	
	remains or traces of	
	animals or plants that	
	lived in the geologic	
	past	
Variations	Small differences	
Reproduce	To produce	
	again/give birth	
Offspring	Children or young	
Migration	Seasonal movement	
	of animals from one	
VIA	location to another	
Diagrams and Symbols		
How variati	on can impact on evolution	
Because the hawks can see and catch the tan mice more easily, a relatively large		
fraction of the tan mice are eaten, while a much smaller fraction of the black mice are eaten. If we look at the ratio of black mice to tan mice in the surviving		
("not-eaten") group, it will be higher than in the starting population.		
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