



Science - Evolution and Inheritance

Science	 Biology
Evolution and Inheritance	

Session		Key knowledge	Me	Teacher
1	What similarities and differences do offspring have with their parents?	- I know and understand how offspring vary and are not identical to their parents. - I know that some characteristics are inherited. - I know that variations in species can be due to environmental factors.		
2	How are animals adapted to their environment? How do adaptations help an animal to survive?	- I know how an animal is adapted to its environment. - I know how an animal's adaptation helps it to survive in their habitat.		
3	How are plants adapted to their environment? How do adaptations help a plant to live?	- I know how a plant is adapted to its environment. - I know how a plant's adaptation helps it to survive in their environment.		
4	What can we learn from fossils?	- I know that fossils provide information about living things that are now extinct. - I know that evidence from fossils can help us to compare extinct animals with those that are living. - I know that evidence from fossils helps us to suggest some conclusions about life in the past.		
5	What is the theory of evolution by natural selection?	- I know how living things have changed over time. - I know how natural selection causes living things to evolve over time. - I know why the theory of evolution was not accepted at first. Working scientifically: Identifying scientific evidence that has been used to support or refute ideas or arguments.		
6	How have humans evolved?	- I know differences in human ancestors. - I know how humans have evolved. - I can compare and contrast Neanderthals and Homo sapiens. Working scientifically: Identifying scientific evidence that has been used to support or refute ideas or arguments.		