

Year 6 Science

Evolution and Inheritance (1) Living Things and their Habitats (5) (Aut 1)



1. What can fossils tell us about living things that lived millions of years ago?
2. What similarities are there between a living thing and the off-spring it produces?
3. Give examples of how animals and plants have adapted to suit their environment.
4. Give reasons to support whether you think adaptation may lead to evolution.
5. Classify plants and animals according to specific characteristics giving scientific reasons for your choices.



Light (2) (Aut 2) Experiment (10)



1. How does light travel?
2. Explain reflection.
3. How do we see things?
4. Why do shadows have the same shape as the objects that cast them?



WS2: I can take measurements using a range of equipment



WS3: I can record data and results in a range of ways

WS5: I can report on findings in a wide range of ways

WS4: I can use results to make predictions to set up further tests

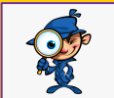


WS1: I can plan scientific enquiries to answer questions



WS1: I can recognise and control variables in a fair test

WS6: I can use scientific evidence to support or refute ideas or arguments



Electricity (2) (Spr 2) Experiment (11)



1. What effect does the number or voltage of cells have on the brightness of a lamp or the volume of a buzzer?
2. Compare and explain the different ways a range of components function.
3. Draw simple circuit diagrams using recognised symbols.



Animals including Humans (8) (Sum 2)



1. What are the functions of the heart, blood vessels and blood?
2. How does the human circulatory system work?
3. What impact does diet, exercise and lifestyle have on how the human body functions?
4. Which drugs are harmful to you?
5. Explain how drugs can affect how the mind and body works.
6. How are nutrients and water carried around the human body?
7. Compare how animals and humans transport food and water.