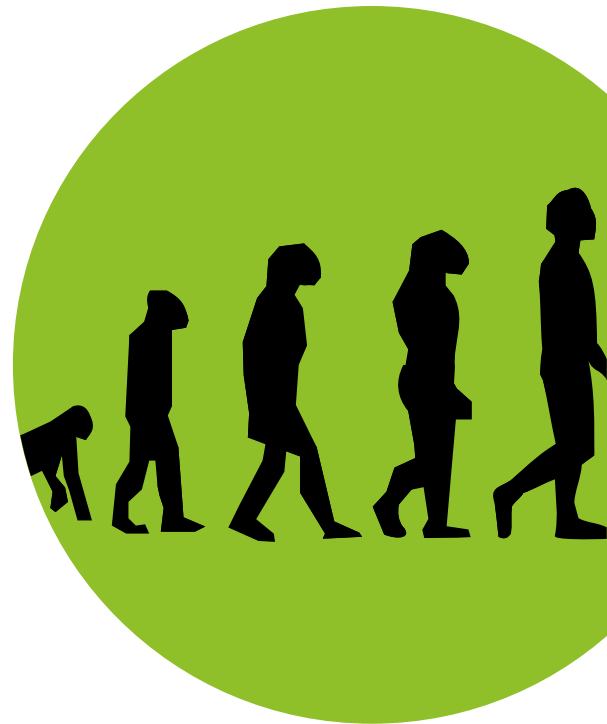


Evolution and Inheritance

Key Facts

1. Evolution is the gradual process by which different kinds of living organism have developed from earlier forms over millions of years.
2. Fossils are the preserved remains of ancient plants and animals that scientists use as proof that things have evolved over time.
3. Inheritance is when characteristics are passed on to offspring from their parents. Inherited traits include eye colour and hair colour.
4. In the same way that there is variation between parents and their offspring, you can see variation within any species, including plants.
5. An adaptation is a trait (or characteristic) changing to increase a living things' chances of surviving and reproducing.



Assessment

I recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago.



I recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents.



I can identify how animals and plants are adapted to suit their environment in different ways and that adaption may lead to evolution.



Key Vocabulary

offspring, inheritance, variation, characteristics, adaptation, environment, habitat, evolution
natural selection, fossil, adaptive traits, inherited traits