



Summer Term Science Evolution

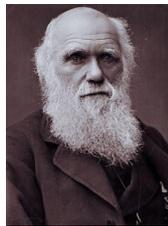


This term, our science topic is Evolution and Inheritance. To begin our topic, you need to understand a bit about evolution and inheritance before having a go at the related activities below. Your first task is to research into evolution, inheritance and adaptation and display your research in either a poster or a leaflet. You may find the videos on BBC Bitesize a useful place to start: <https://www.bbc.co.uk/bitesize/topics/zvhhvcw>

Research Charles Darwin. Write a biography about his life and what he is famous for.

Information you could include:

- When and where was he born?
- Where did he work?
- What were his important scientific discoveries?
- When did he die?



Write a story about how the world would be different if dinosaurs had not become extinct.

Think about whether humans would have evolved or not, and how dinosaurs would have evolved over time too.



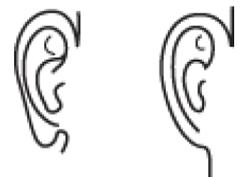
Choose either a horse or whale and research their evolution. Create a timeline to show how they have evolved. Choose another animal and compare their timelines.



Choose a family member to find out what characteristics you have in common. Draw a portrait of yourself using a mirror to help you and label your inherited features.

You could include information about:

- Eye colour
- Ear lobes
- Double jointed or not
- Hair colour



Are you more similar or different to your family member?

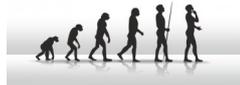
Find out how a camel is adapted to its environment, then draw a picture of a camel and label these adaptations.



Think of a possible feature you would like humans to evolve and explain how they would help us to survive more easily in modern habitats.

Draw a picture of your newly evolved human. Identify the features you have given them to survive more easily in modern habitats.

Do they now have gills to breathe underwater to help if sea levels rise in the future?



Write a creative story for one of the following, to explain how: a leopard got their spots, a tiger got their stripes, a tortoise got their shell, a giraffe got their long neck or a kangaroo got their pouch.



Design a new species. Describe how your new creature is adapted to live in their environment? Think about the adaptations they would need in order to survive.