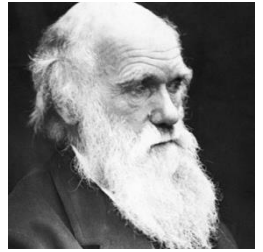


# Evolution and Inheritance

Recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago & recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents & identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution.



## Key Vocabulary

evolution	The change in the characteristics of a species over several generations and relies on the process of natural selection
offspring	The young born of living organisms
variation	A change in condition
environment	The surroundings in which a personal, animal or plant lives
inheritance	Something which is passed down
adaptation	The action of changing to suit an environment
fossil	The preserved remains or impressions of a living organism such as a plant, animal, or insect
survives	Continue to live in spite of danger/hardship
inhabited	A person or animal living in a certain place

### **We can inherit:**

Eye colour  
Hair colour  
Height  
Weight  
Some illnesses  
Other physical traits like rolling your tongue

### **How does the polar bear adapt to its environment?**

- White fur to camouflage
- Fur to keep it warm
- Sharp claw to kill prey and survive
- Large furry feet to walk on the slippery snow and ice.
- Thick layers of fat under the fur to keep warm



### **How are humans impacting evolution?**

- Pollution and ruining their environment.
- Crossbreeding and selective breeding leading to endangering certain species.
- Hunting endangered animals.

