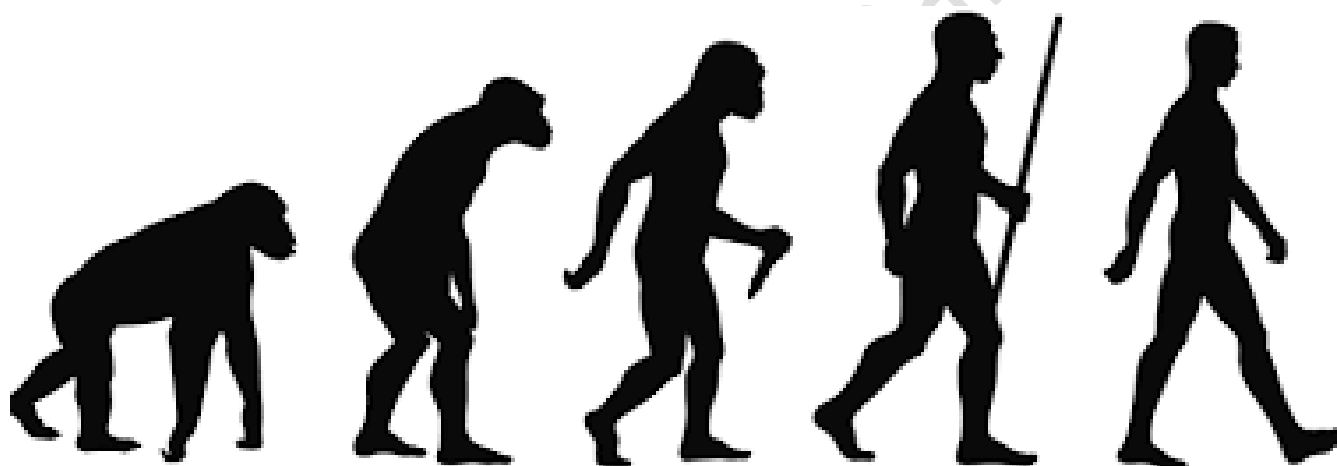


Selby Community Primary School Subject Knowledge bank

Science		Year 6	
Focus: Evolution and Inheritance			
Age-related scientific vocabulary			
fossil	Fossils are the remains or traces of plants and animals that lived long ago.	palaeontologist	Palaeontologists study the remains of these ancient organisms, or living things.
evolution	Evolution means that living things that exist today developed from earlier types.	offspring	Offspring is the product of the reproductive processes of an animal or plant.
adaptation	Adaptation is the adjustment of animals and plants to their environment.	classification	Classification means to group similar species together.
characteristics	Characteristics are the specific and individual features of a living thing.	variation	Variation is the differences between individuals within a species.



Key Knowledge

- Living things have changed over the millions of years that they have inhabited the Earth.
- Living things produce offspring that are of the same kind (species) but the offspring vary and are not identical to their parents. This variation can lead to adaptation over a long period of time.
- Animals and plants adapt to suit their environments and this ensures the species survives.
- Palaeontologists such as Mary Anning study fossils which show the remains of living things from millions of years ago. This provides evidence for evolution.
- Mary Anning discovered the first Ichthyosaur that was correctly identified in the nineteenth century.