

**What will we be learning?**

- 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 facts**

- Animals and plants produce offspring that are similar but not identical to them.
- Inherited traits include: eye colour, hair colour, freckles, earlobe shape, nose shape, blood type, the ability to roll your tongue and handedness.
- Evolution is the gradual process in which different kinds of living organisms have developed from earlier forms over millions of years ago. Scientists have proof that living things are continuously evolving – even today.

**Key vocabulary**

- **Offspring** – The young animal or plant that is produced by reproduction.
- **Inheritance** – This is when characteristics of the parents are passed onto the offspring.
- **Variations** – Differences between individuals of the same species.
- **Adaptation** – A trait, changing to increase a living things chance of survival and reproduction.
- **Habitat** – A specific place or area where particular animals or plants can live.
- **Environment** – Contains many habitats and includes living and non-living things.
- **Evolution** – Adaptation over a very long time.
- **Natural selection** – The process where organisms that are better adapted to their environment survive and produce more offspring.
- **Fossil** – The remains or imprint of a prehistoric plant or animal embedded in rock and preserved.
- **Adaptive traits** – Genetic features that help a living thing to survive.
- **Inherited traits** – Traits you get from your parents.

**What have I learnt?**

Look at the parents below and then draw three different combinations of inherited characteristics. Remember to use characteristics from both parents.



Fill in the blanks:

Living Things	Habitat	Adaptive Traits
		
		
		
		