

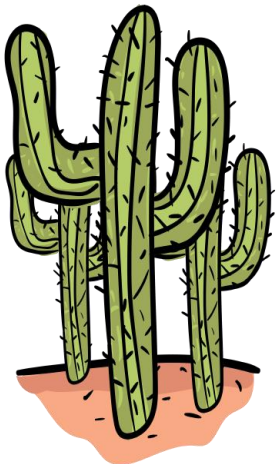
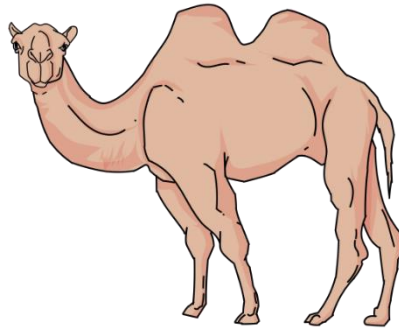
# Evolution

## Adaptation

**Adaptation** is when a plant or animal has changed in some way, over a long period of time, to be better suited to the environment in which it lives.

**Camels** have long **eyelashes** to **protect** their eyes from the sand.

They also **have large, wide, flat feet** to help them **walk on the sand** without sinking.



Cacti grow in the desert which is hot and sandy

- They have spines instead of leaves to protect them from being eaten by predators.
- They have a thick, waxy skin which helps
- reduce the amount of water they lose.
- They have shallow, widespread roots which allow fast absorption of water when it rains.
- They have large, thick stems which allow them to store water until they need it.

## Inheritance

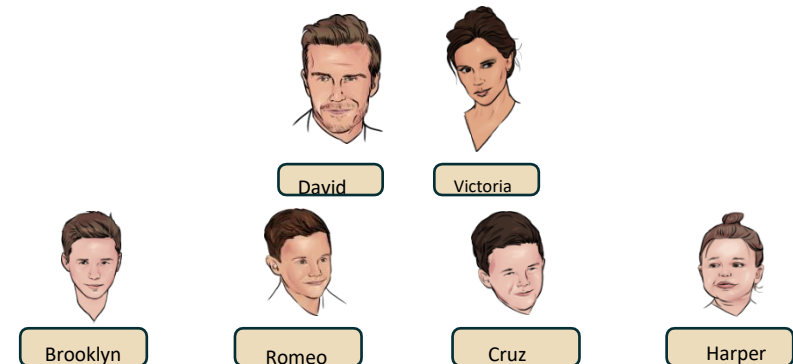
### Traits you can inherit

eye/hair/skin colour,  
shape of nose,  
size of feet,  
height

### Traits you can't inherit

a good singing voice,  
ability to play football,  
drawing skills

When parents have **offspring**, they pass on their **physical traits**. The offspring inherit their parents' **qualities**. This means that most **offspring look like their parents** but they are not identical. The offspring may take characteristics from the father, the mother or a mixture of both.



### The Beckham Family

The children have inherited certain traits from their parents but they cannot inherit Victoria's singing ability or David's football skills.