



# Evolution and Inheritance

## LESSON 1

# Discuss with your partner...

- ▶ What does 'evolution' mean?
- ▶ What does 'inheritance' mean?

# Evolution

- ▶ Evolution is change over time. It is how living things, including humans, adapt to their environment.

# Inheritance

- ▶ Inheritance is when a characteristic is passed onto the next generation (e.g. eye colour, skin colour, height etc.)
- ▶ When living things produce offspring – reproduce – they pass on characteristics to their offspring (descendants).

# Activity 1 - Discuss

- ▶ What do you think would happen if a Labrador crossed with a Poodle?
- ▶ What would you expect the puppy to look like and why?



# Activity 1

- ▶ Share ideas – complete activity 1.



# Activity 1

- ▶ If you crossed a Labrador with a Poodle, the offspring would be a Labradoodle.



# Activity 2

- ▶ Carry out your own research to discover other crossbreeds of dogs and list some examples in your science book.