

# Artificial vs natural selection



# What is artificial selection?

Artificial selection is also known as **selective breeding**.

It is a human process in which humans breed animals and plants for particular **characteristics**.





Look carefully at **images** of **mixed-breed** dogs and their parents.

Can you identify the characteristics they have **inherited** from their parents?

Draw a **diagram** to explain the dog's family tree, with notes about the characteristics they have inherited and those they have not.

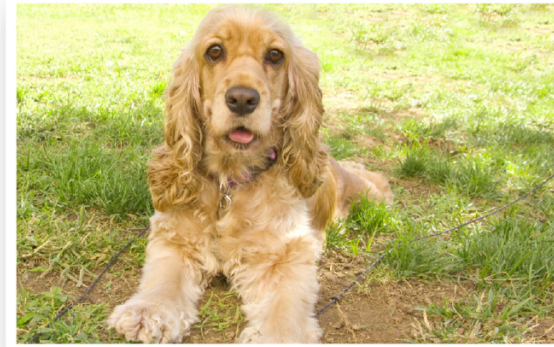
Remember, characteristics could be both **physical** and **behavioural**.



**Parent dog:**  
Labrador



**Parent dog:**  
Spaniel



**Mixed-breed dog:**  
Spanador



## Further thinking...

What information can you find out about selective breeding in other plants and animals?

How do scientists breed animals and plants in a laboratory?

Do you think creating '**artificial evolution**' is the right thing to do?