

# Science Assessment

## Evolution and Inheritance

Year 6  
Autumn 2



### Key Vocabulary

evolution   inheritance   adaptation   variation   Natural Selection   Charles Darwin   genes  
DNA   offspring   species   environment

1. Here is a dog. Tick the traits that its offspring might inherit.

|                              |  |
|------------------------------|--|
| its fur colour               |  |
| its eye colour               |  |
| its body shape               |  |
| any training the dog has had |  |
| certain personality traits   |  |
| scars and injuries           |  |



2. Read the information about 'Habitat D'. What type of animal could live there? How has it adapted to suit its environment? Draw and label your answer.



Habitat D – This habitat is a tropical rainforest that stays warm and damp all year round. It is packed with towering trees and thick undergrowth. Most of the edible fruits grow high above the ground, making them hard to reach. The forest is home to swift tree-dwelling creatures and colourful birds that dart through the canopy.

3. In a forest, there are two types of rabbits:

- Rabbits with brown fur
- Rabbits with white fur

The forest floor is mostly dark soil and leaves. Over many years, most of the rabbits in the forest have brown fur.

Explain why most rabbits now have brown fur. Use the idea of natural selection in your answer.