

ACTIVITY 11 HOW DO SCIENTISTS GROUP LIVING THINGS?

Organism is the scientific word for living things. Scientists develop key questions to classify and identify different organisms.

STARTER

A key is a series of **key** questions that scientists use to sort *organisms* into different groups. Keys use the fact that different *organisms* share *characteristics*. Can you remember any *characteristics* or *ways to classify* you came up with last lesson?

Q1

What characteristics do eagles and ducks share?

Q2

What characteristics do dogs and sheep share?

Q3

What characteristics do oak trees and tulips share?

Q4

For each organism on the photo sheet, decide how it should be *classified* and write its name in the correct box below.

Flowering plant	
Non-flowering plant	
Mollusc	
Insect	
Arachnid	
Mammal	
Bird	
Fish	
Reptile	
Amphibian	

Q5

Can you complete the following sentences using the information from the *key*?

A snail is a mollusc because

A dog is a mammal because

An oak tree is a flowering plant because

A snake is a reptile because