



PUPIL WORKSHEET

Backbones and no backbones

Autumn 1 · Week 3 · Lesson A

Name: _____ Date: _____

Classify animals using evidence of an internal backbone, and explain why size, fur or legs are not reliable tests.

Use this sheet with the lesson. You may point, sign, speak, draw, write, dictate or direct an adult. Keep your first idea so you can show what changed.

1. My first idea

Choose an animal. Predict first; keep the idea so you can compare it with evidence.

- Animal: ____.
- I think it has / does not have a backbone / I am unsure.
- My first reason: ____.

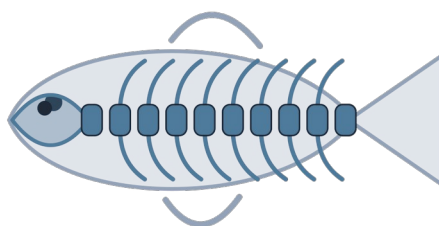


2. Use the body evidence

Write, draw, point or dictate as agreed with your teacher.

Read or listen to each clue. Mark vertebrate (V), invertebrate (I), or ask for help.

Animal	Body evidence	My group
Fish	Internal bones include a backbone.	
Frog	Internal bones include a backbone.	
Mouse	Internal bones include a backbone.	
Snail	A shell; no backbone.	
Crab	Hard outer case; no backbone.	
Earthworm	Muscles and fluid support; no backbone.	





3. Which clues count?

Write, draw, point or dictate as agreed with your teacher.

Use the new clues, not size or the number of legs.

Animal	Evidence	My group
Bat	Wings and an internal backbone.	
Snake	An internal backbone; no legs.	
Crab	An outer case, but no backbone.	
Jellyfish	No internal backbone.	



4. My evidence explanation

Write, draw, point or dictate as agreed with your teacher.

Choose one animal. You can point to a label or ask an adult to write your words.

- The ____ is a ____ because ____.
- The clue that matters is ____.
- I kept / changed my idea because ____.

Choose a response route

Agree one route with your teacher; you do not need every route.

Supported

Use a choice of two labelled groups with an adult reader; point to the body clue.

Standard

Classify the supplied animals and explain one choice using because.

Stretch

Use the rule on a bat/snake case and explain why size, fur or legs are unreliable.

Keep this record for Wednesday Week 3.