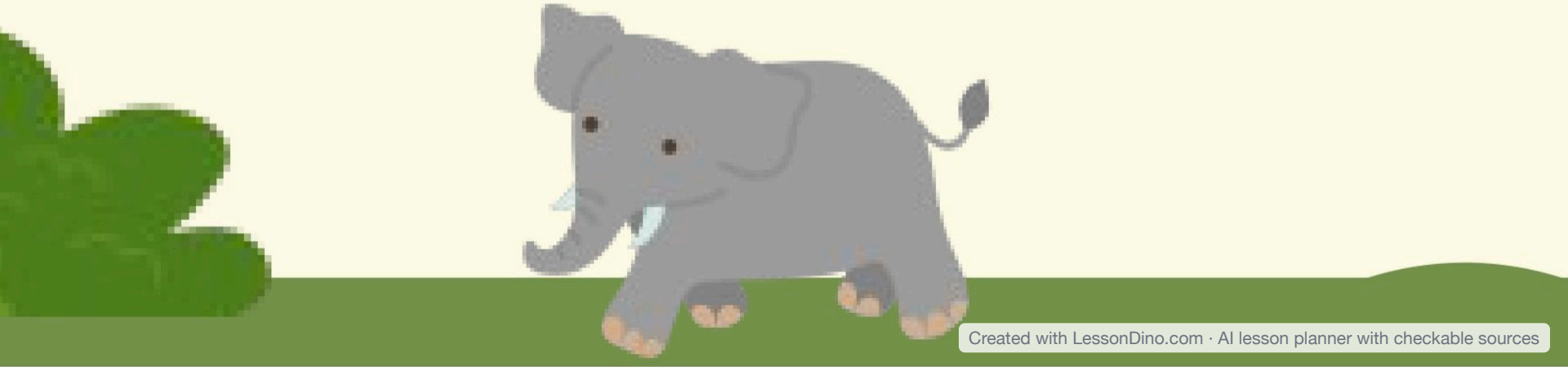
# Sorting the Living World

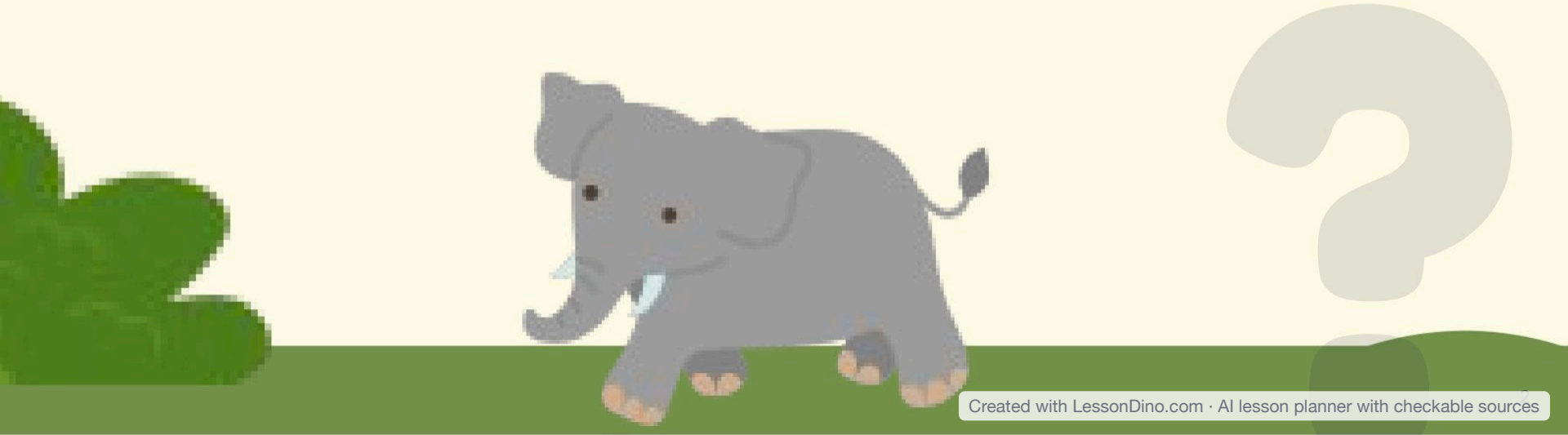
Grouping plants, animals and micro-organisms



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# Think, pair, share

**If you found 30 new living things, how would you sort them?**



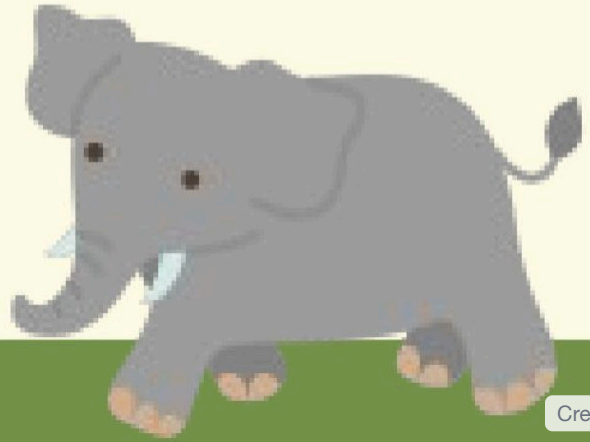
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# Living things can be grouped

- Animals
- Fungi
- Prokaryotes - bacteria

**Living things**

- Plants
- Protoctista



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## Key words

**classify**

to sort into groups by what you see

**characteristic**

a feature you can observe

**vertebrate**

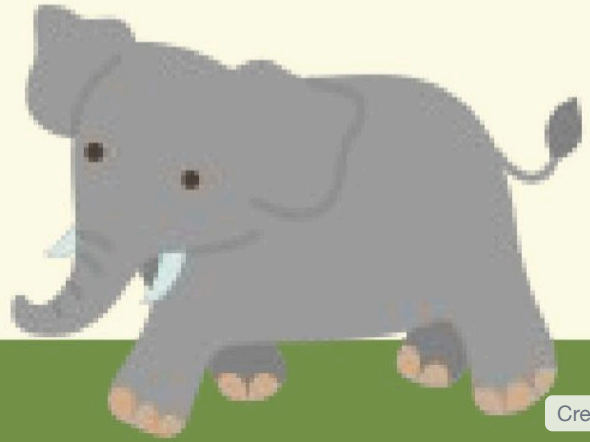
an animal with a backbone

**invertebrate**

an animal without a backbone

**micro-organism**

tiny living thing seen with a microscope



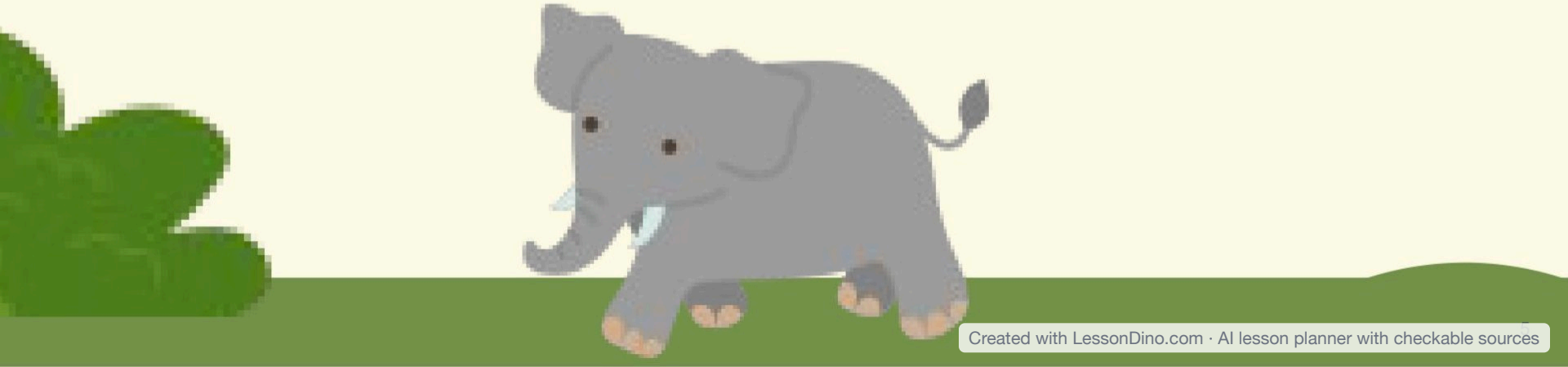
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# Mushroom mystery

## A mushroom has no green leaves and grows in soil. Where should it go?

- **A** With plants
- **B** With animals
- **C** In its own fungi group

Vote with your hands, then explain why.



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# How do we classify?



▶ 0:00 – 3:58

- Listen for similarities and differences
- Spot vertebrate and invertebrate examples

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# Animals in groups

🐟

**Fish**

Lives in water and breathes with gills.

🐸

**Amphibians**

Lives in water and on land.

🦎

**Reptiles**

Has dry scaly skin and usually lays eggs.

🐦

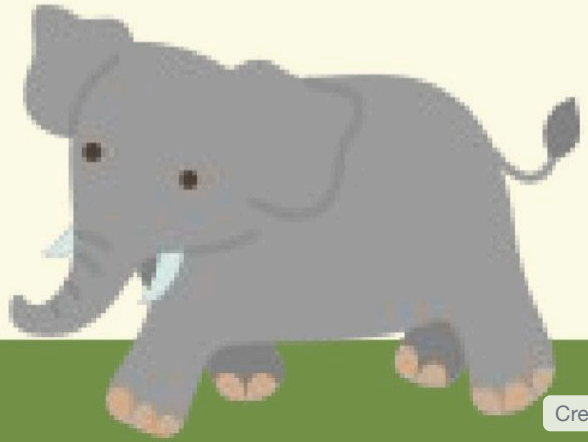
**Birds**

Has feathers, wings and a beak.

🐘

**Mammals**

Has fur, breathes air and makes milk.



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# Five big groups




▶ 0:00 – 5:00

- Name the five kingdoms
- Spot micro-organisms you cannot see

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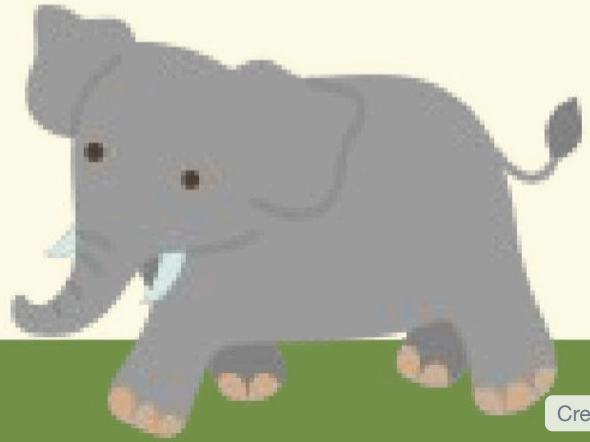
# Your task

**Sort 8 living things into groups using what you can observe.**

1. 1. Copy list: trout, frog, blackbird, spider, daisy, fern, mushroom, bacteria.
2. 2. Sort into small groups with a label for each.
3. 3. Write one observed feature for each group.

**10 min**

**In pairs**



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# Plants, fungi and tiny life

🌸

**Flowering plants**

Makes seeds in flowers, like daisies.

🌿

**Non-flowering plants**

Makes spores or cones, like ferns.

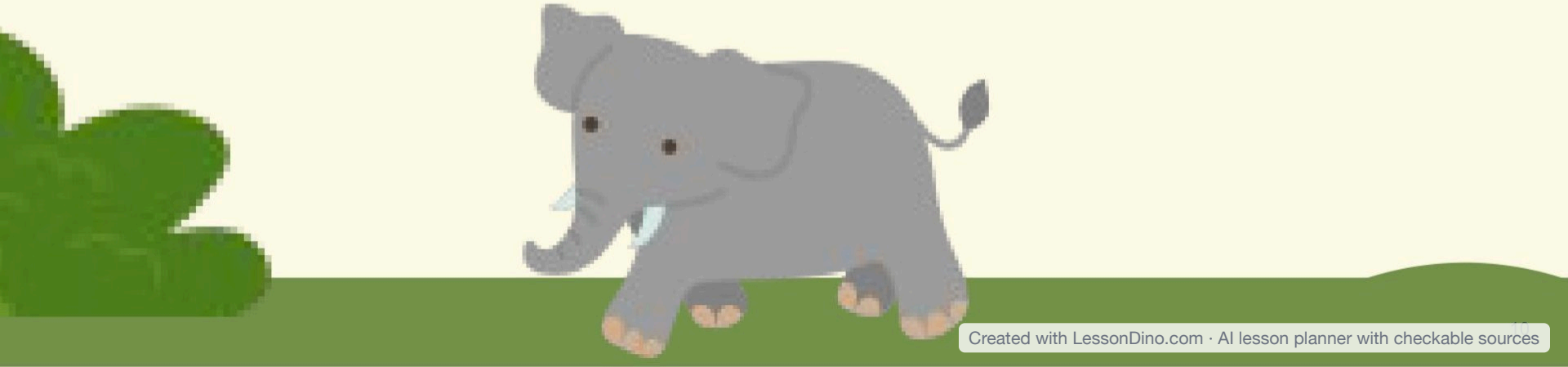
🍄

**Fungi**

No green colour, feeds on dead matter.

**Bacteria**

One cell, too small to see without a microscope.

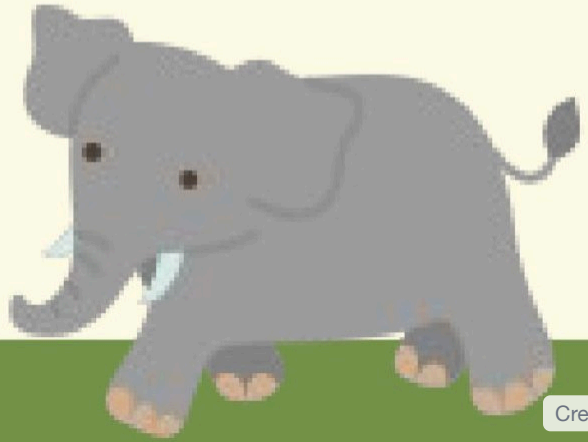


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# What could this be?

**I live in the sea and swim like a fish, but I breathe air and feed my baby milk. What am I?**



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# Exit ticket

1

**One thing I learnt today...**

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2

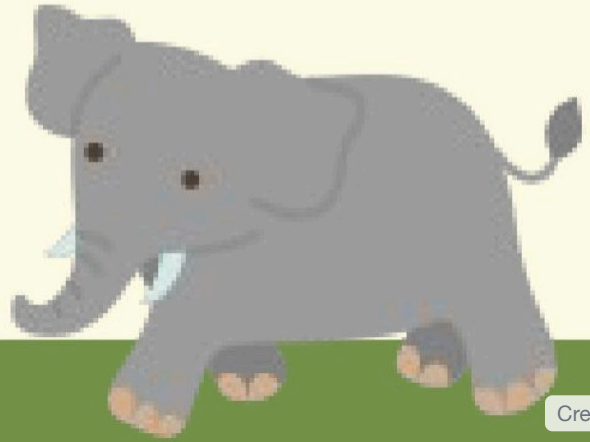
**One group I can describe...**

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3

**One question I still have...**

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