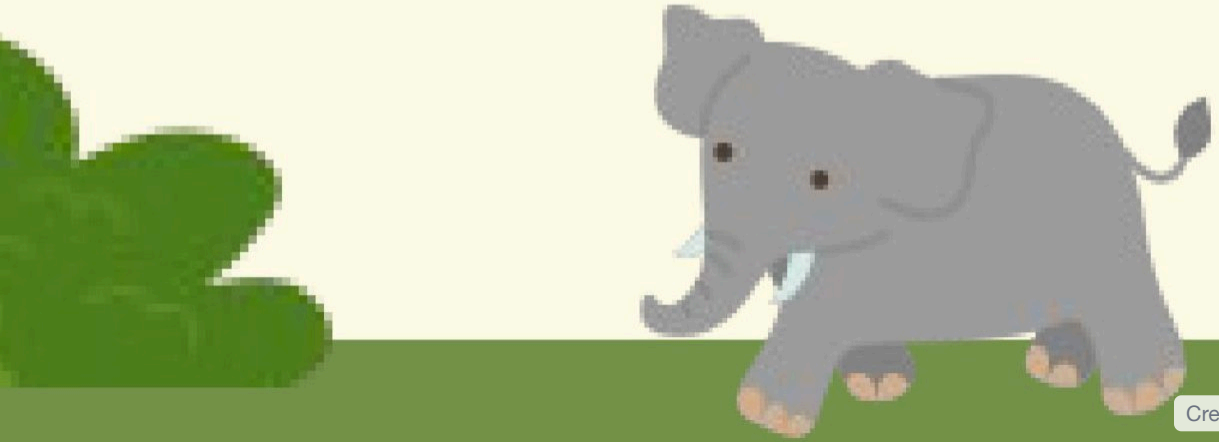
Built to Survive

How plant and animal parts help them live and grow





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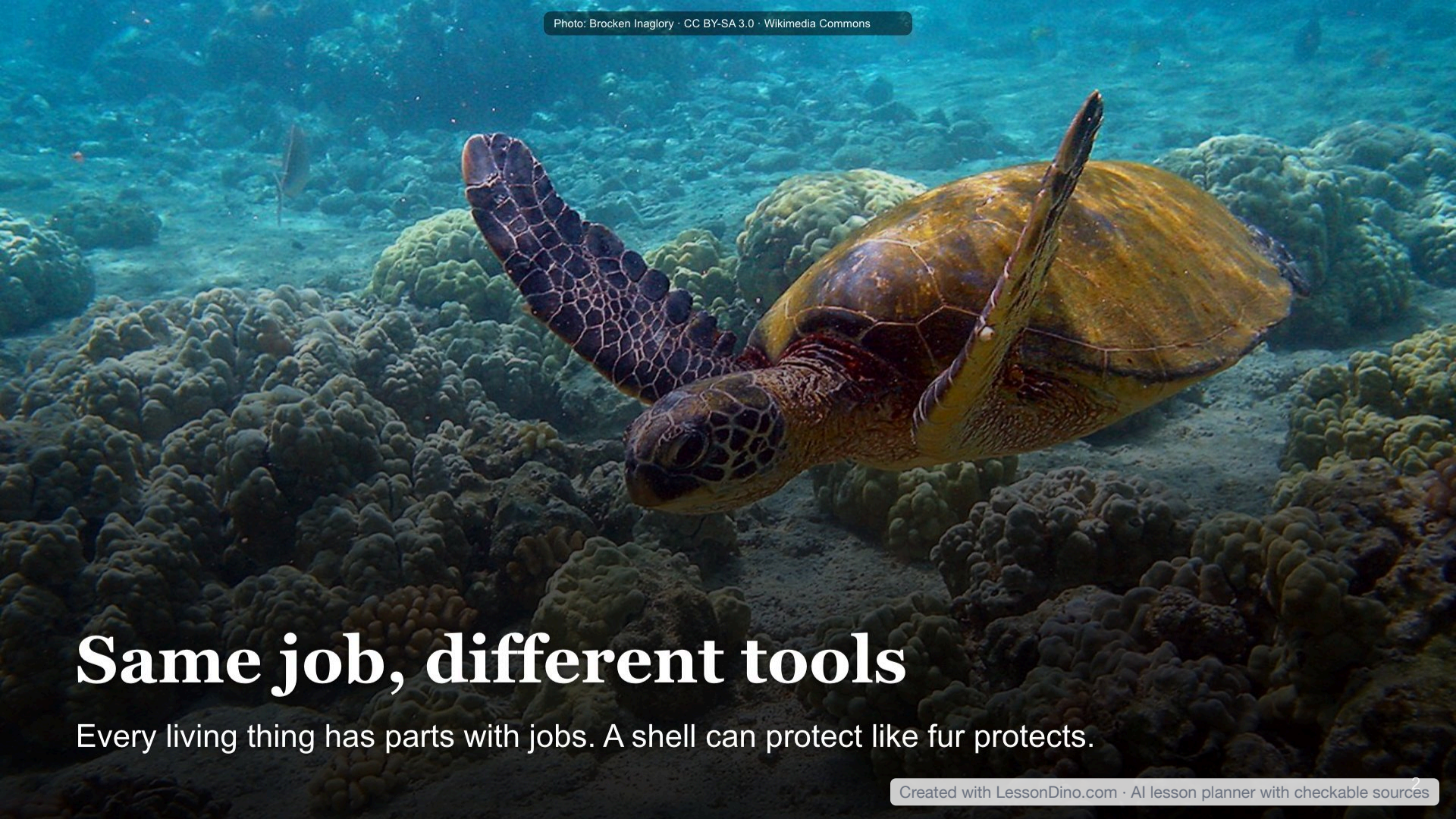

Same job, different tools

Every living thing has parts with jobs. A shell can protect like fur protects.

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Plant parts at work

Roots

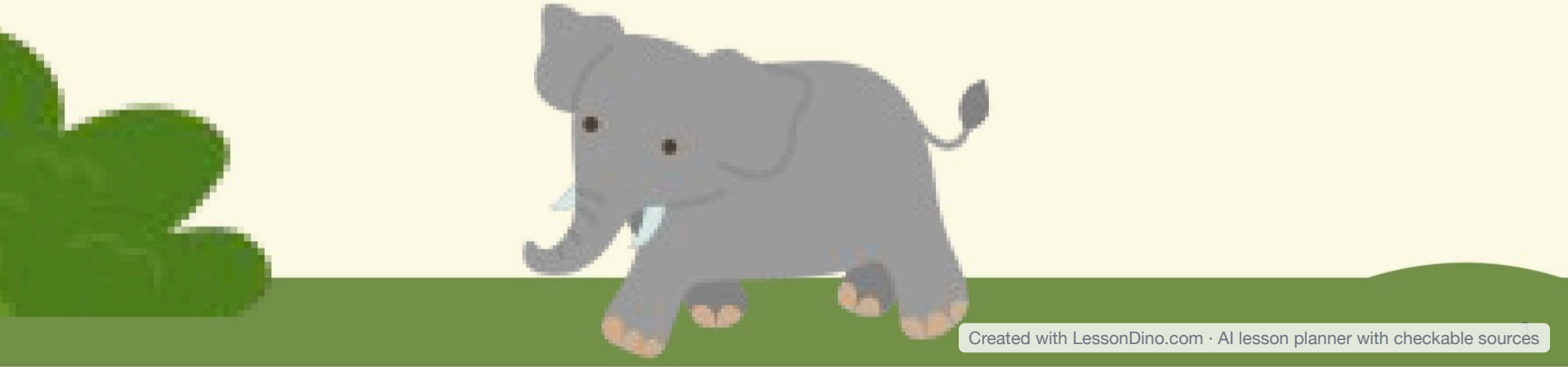
Soak up water and nutrients from soil.

Stems

Hold plant up and move water upward.

Leaves

Make food from air and light.



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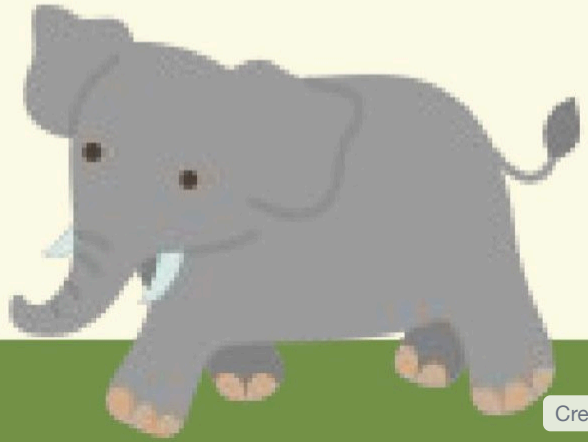
Animal parts at work

- A structure is a body part with a job.
- Beaks, teeth, and claws grab and cut food.
- Fur, shells, and spots keep animals safe.
- Legs, wings, and fins help them move.





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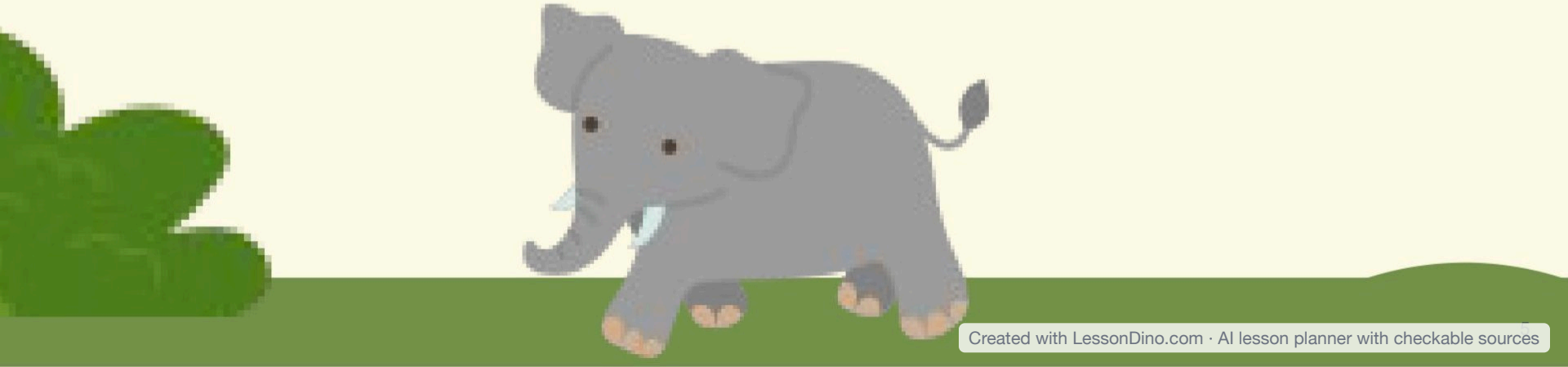
Vote: Best protector?

Which outside part helps an animal stay safe best?

- **A** Hard shell on its back
- **B** Thick fur to stay warm
- **C** Spots to hide in trees

Vote with your hands, then explain why.



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Watch: Inside Meets Outside



▶ 0:00 – 4:30

- Spot one outside part and its job.
- Spot one inside part and its job.

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Hidden helpers inside

❤️

Heart

Pumps blood to move energy around body.

🫁

Lungs

Pull in air the body needs to live.

🍎

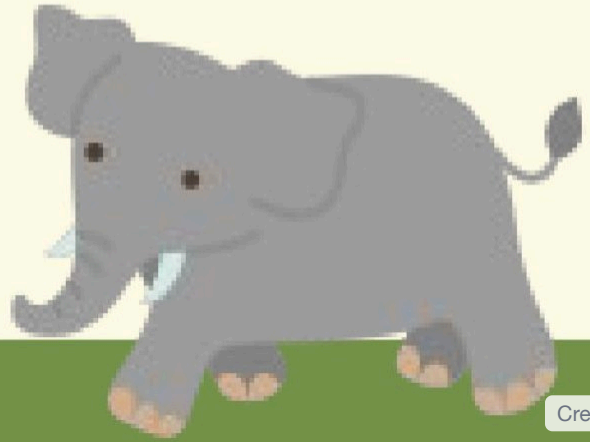
Stomach

Breaks down food to help growth.

🔧

Tubes

Plant tubes move water up and sugar down.



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Watch: Jobs for Living



▶ 0:00 – 5:00

- How does the part help survival or growth?
- How does it help behavior or making babies?

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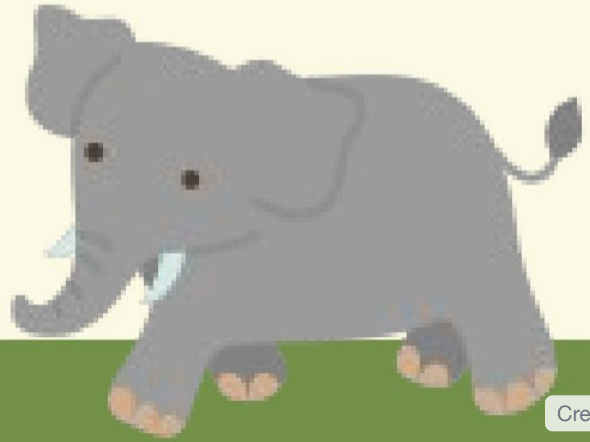
Your task

In pairs, pick one plant and one animal and argue how three parts help them survive.

1. Choose a plant and an animal you saw today.
2. Match each part to its job for living.
3. Write: I claim ___ because ___ with two clues.

15 min

In pairs



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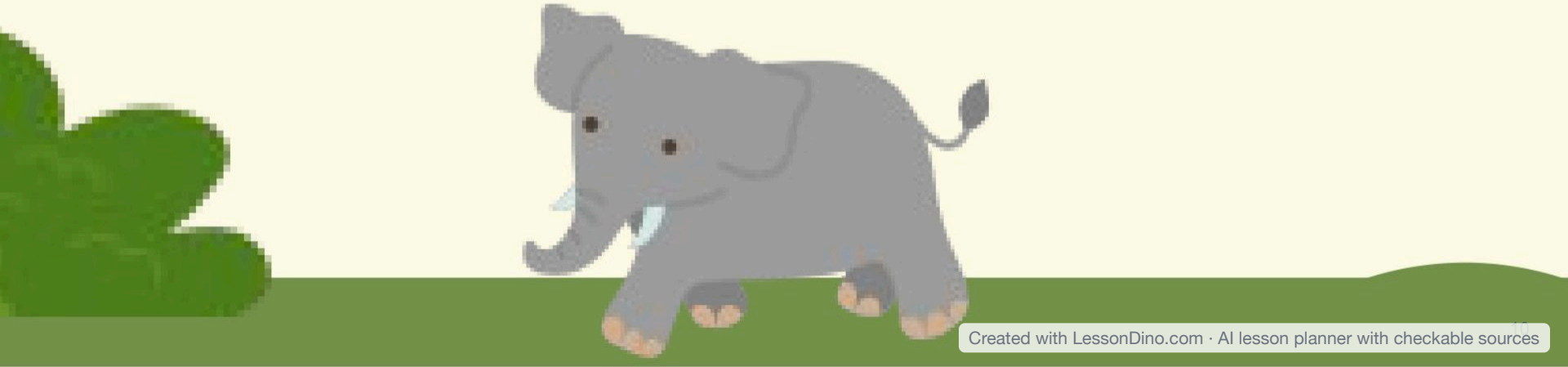
BIG IDEA

Every part has a job that helps living things survive and grow.



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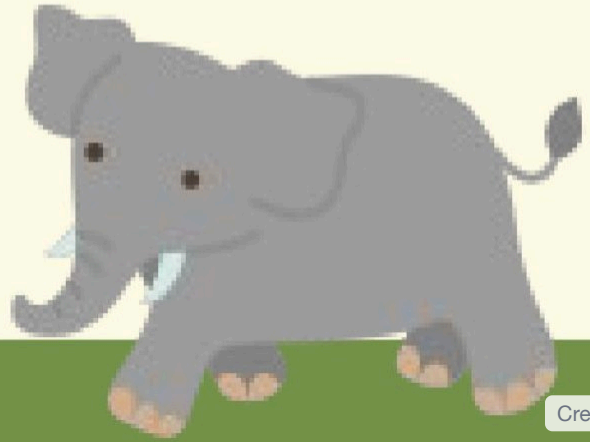
Think, pair, share

What if a plant had no roots and an animal had no mouth?





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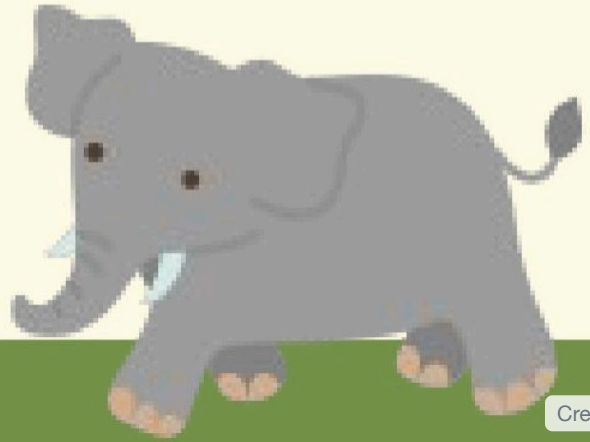
Quick quiz

1. What job do roots do?
2. What do plant tubes called xylem carry?
3. How does a shell help survival?
4. What does the stomach do inside?



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