ROOTS TO FLOWERS!

What does each part do to help a plant live?



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TODAY WE WILL...

WE ARE LEARNING TO

- Name roots, stem, leaves and flowers
- Describe one job for each part
- Compare a trunk with a stem

SUCCESS LOOKS LIKE

- ✓ I can point to all four parts
- ✓ I can say one job for each part
- ✓ I can explain a trunk is a strong stem

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MEET THE FOUR PARTS



roots

Hold the plant and soak up water.



stem

Hold plant up and carry water.



leaves

Catch sunshine to make food.



flowers

Bright coloured bits where seeds start.

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From Roots to Flowers

Roots hide underground. Stem, leaves and bright flowers grow above.



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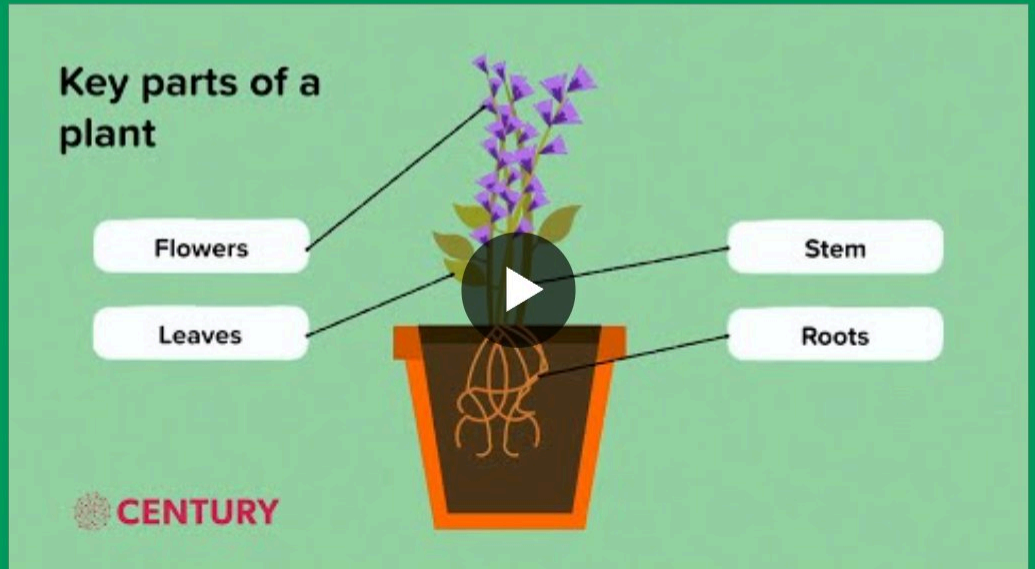
THINK, PAIR, SHARE

Could a thick trunk do the same job as a thin stem?



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WATCH: WATER'S JOURNEY



▶ 0:00 – 4:40

- Watch where the water goes first
- Listen for soak, carry, food, seeds
- Copy each action as you hear it

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HOW WATER HELPS A PLANT LIVE



soil water

Water stays in the soil.



roots soak

Roots soak up water and nutrients.



stem carries

Stem carries water upwards.



leaves and flowers

Leaves make food; flowers make seeds.

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WATCH AGAIN: NAME THE JOBS



▶ 0:00 – 4:53

- Spot roots, stem, leaves, flowers
- Shout the job for each part

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YOUR TASK

Be a plant detective with your partner and find all four parts.

1. Tip plant gently on mat, look with glass
2. Put a sticky label on each part
3. Tell partner one job for each part

20 min

In pairs

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SO MANY PLANTS!

390,000+

kinds of plants in the world

Flowering plants use roots, stems, leaves and flowers to live and grow.

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WHICH JOB MATTERS MOST?

IF A PLANT LOST ONE PART, WHICH LOSS WOULD HURT MOST?

- **A** Roots that hold and soak
- **B** Stem that holds and carries
- **C** Leaves that make food
- **D** Flowers that make seeds

Vote with your hands, then explain why.

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QUICK QUIZ

1. What do roots do?
2. What does the stem carry, and where to?
3. What do leaves do?
4. Where do seeds start?

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