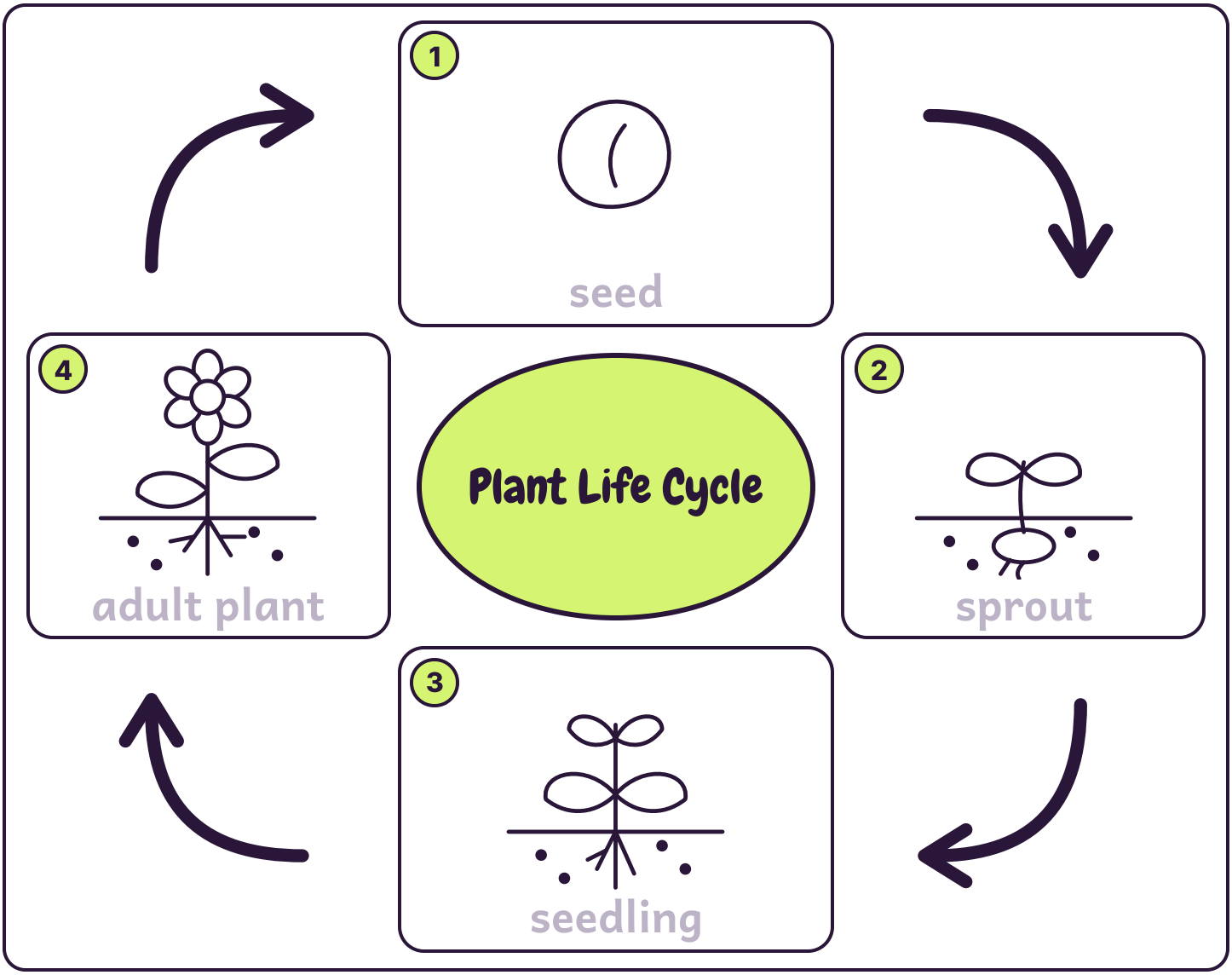
SCIENCE · PLANT LIFE CYCLE · GRADES K–1

The Life Cycle of a Plant

A four-stage plant life cycle to color, with each stage name to trace: seed, sprout, seedling and adult plant.

Name: _____ **Date:** _____





Draw a seed you have seen. (A bean? An apple seed?)

Draw your favorite stage.

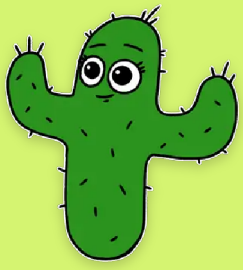
Art © Kevin Coulston

SCIENCE · PLANT LIFE CYCLE · GRADES K–2

Plant Life Cycle Cut and Paste

Cut out the four pictures and glue them around the circle in order, starting with the seed.

Name: _____ **Date:** _____



Glue the pictures in order. The seed goes in box 1.

1
Start: the seed

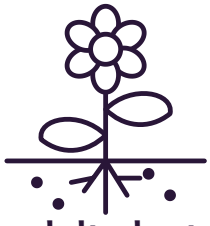
2
glue here

3
glue here

4
glue here

Plant Life Cycle

✂ Cut out the cards on the dashed lines.


adult plant


seed


seedling


sprout

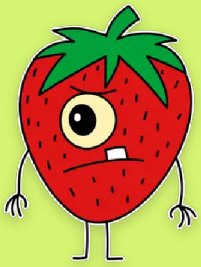
Art © Kevin Coulston

SCIENCE · PLANT LIFE CYCLE · GRADES 1–3

Parts of a Plant

Label the flower, petal, leaf, stem and roots, then match each part to the job it does.

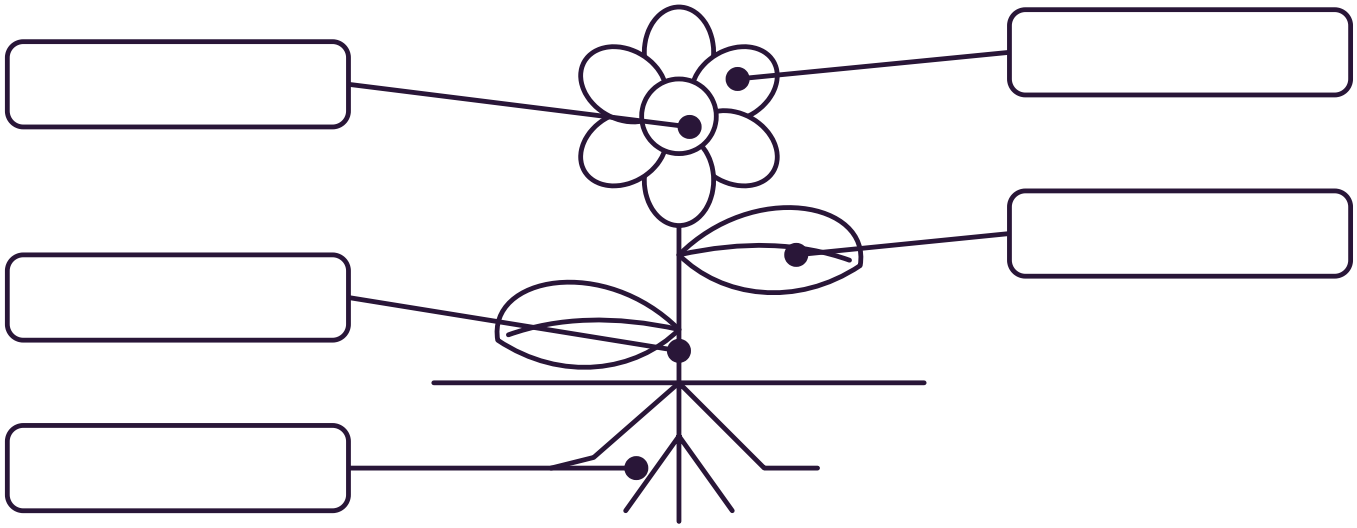
Name: _____ **Date:** _____



Word bank

flower | petal | leaf | stem | roots

Write the name of each part.



Draw a line from each part to its job.

roots ●	● makes food from sunlight
stem ●	● take in water from the soil
leaf ●	● makes seeds
flower ●	● carries water up and holds the plant up

Art © Kevin Coulston

SCIENCE · PLANT LIFE CYCLE · GRADES K–2

What Do Plants Need?

Color the five things a plant needs to grow, then predict what happens to a plant with no water.



Name: _____ **Date:** _____

Color the 5 things a plant needs to grow. Put an X on the others.

sunlight	candy	water	a toy car
shoes	air	a pillow	soil
a TV	space to grow	a book	a hat

Draw a plant that gets water every day.

Draw a plant that gets no water for two weeks.

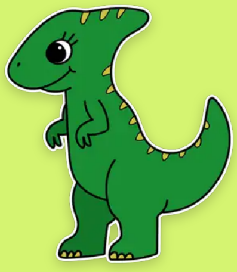
What do you think happens to the plant with no water?

Art © Kevin Coulston

SCIENCE · PLANT LIFE CYCLE · GRADES 1–3

Bean Plant Journal

Grow a bean in a bag and draw, measure and describe it six times over two weeks.



Name: _____ **Date:** _____

Set it up: fold a wet paper towel into a zip bag, slide a dry bean between the towel and the plastic, and tape the bag to a sunny window. Keep the towel damp.

Day 1

Height: _____ cm

I see: _____

Day 3

Height: _____ cm

I see: _____

Day 5

Height: _____ cm

I see: _____

Day 7

Height: _____ cm

I see: _____

Day 10

Height: _____ cm

I see: _____

Day 14

Height: _____ cm

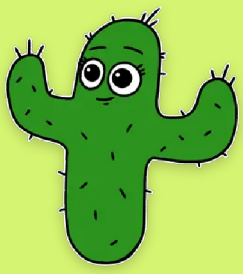
I see: _____

Art © Kevin Coulston

ANSWER KEY · PLANT LIFE CYCLE · GRADES K–2

Answer Key: Plant Life Cycle Cut and Paste

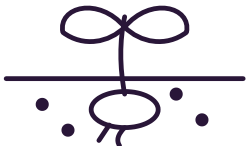
Answers for grown-ups. Some questions have more than one good answer.

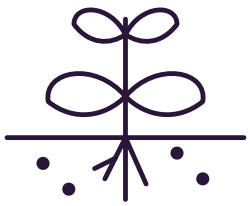


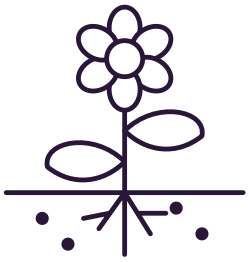
Glue the pictures in order. The seed goes in box 1.

1

seed

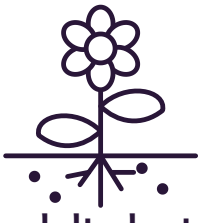
2

sprout

3

seedling

4

adult plant

Plant Life Cycle

✂ **Cut out the cards on the dashed lines.**


adult plant


seed


seedling

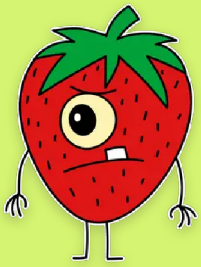

sprout

Art © Kevin Coulston

ANSWER KEY · PLANT LIFE CYCLE · GRADES 1–3

Answer Key: Parts of a Plant

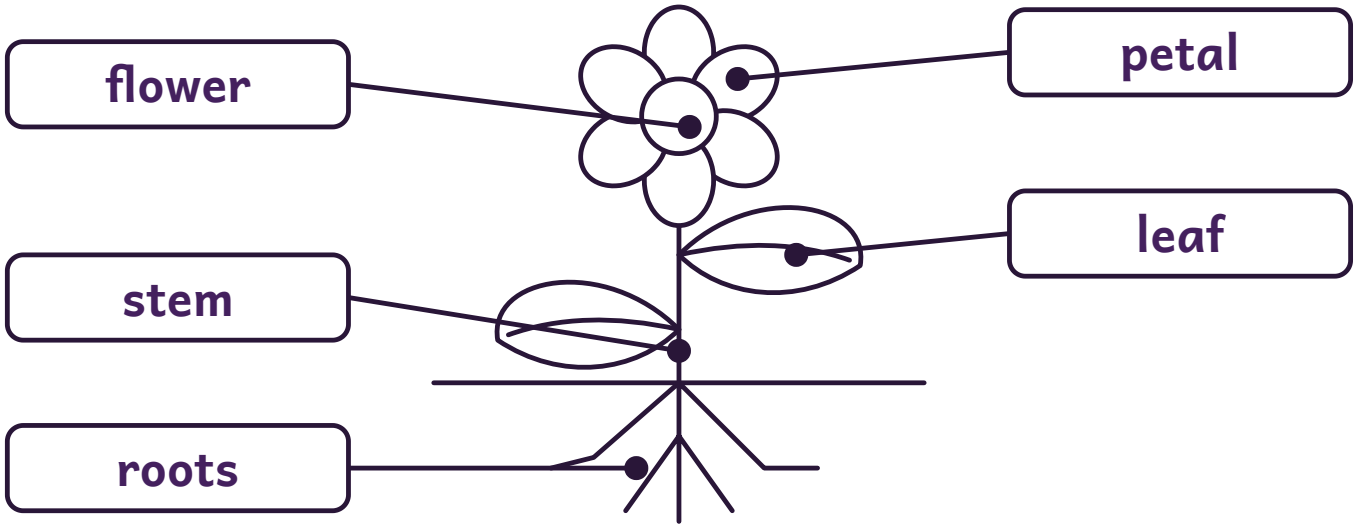
Answers for grown-ups. Some questions have more than one good answer.



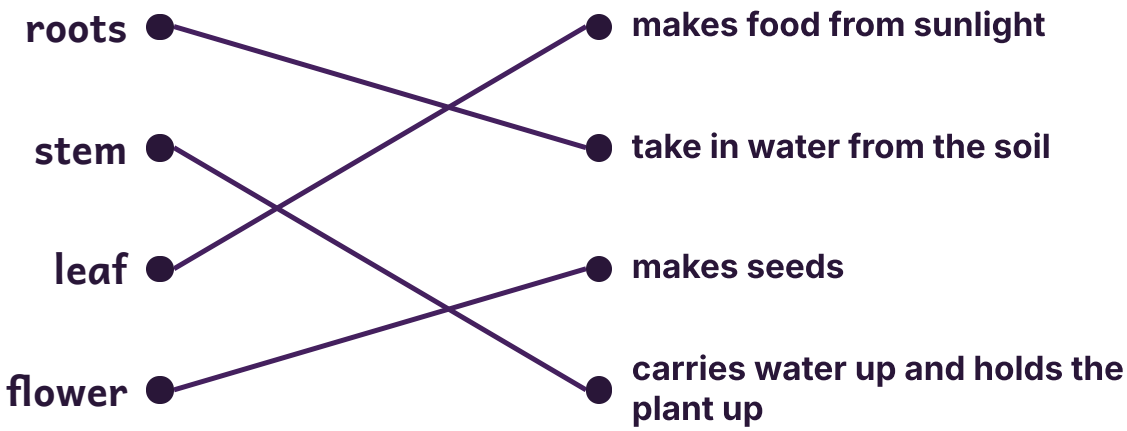
Word bank

flower · petal · leaf · stem · roots

Write the name of each part.



Draw a line from each part to its job.



Art © Kevin Coulston

ANSWER KEY · PLANT LIFE CYCLE · GRADES K–2

Answer Key: What Do Plants Need?

Answers for grown-ups. Some questions have more than one good answer.



Color the 5 things a plant needs to grow. Put an X on the others.

sunlight	candy	water	a toy car
shoes	air	a pillow	soil
a TV	space to grow	a book	a hat

Draw a plant that gets water every day.

Draw a plant that gets no water for two weeks.

What do you think happens to the plant with no water?

Art © Kevin Coulston