Ollie's Adventure

How a Seed Grows

Plant Science Workbook



Label · Circle · Cut & paste · Trace · Match · Grow a bean · Colour · Quiz

Ages 4 to 8 · Goes with the video "How a Seed Grows" on YouTube @playollie

This workbook belongs to:

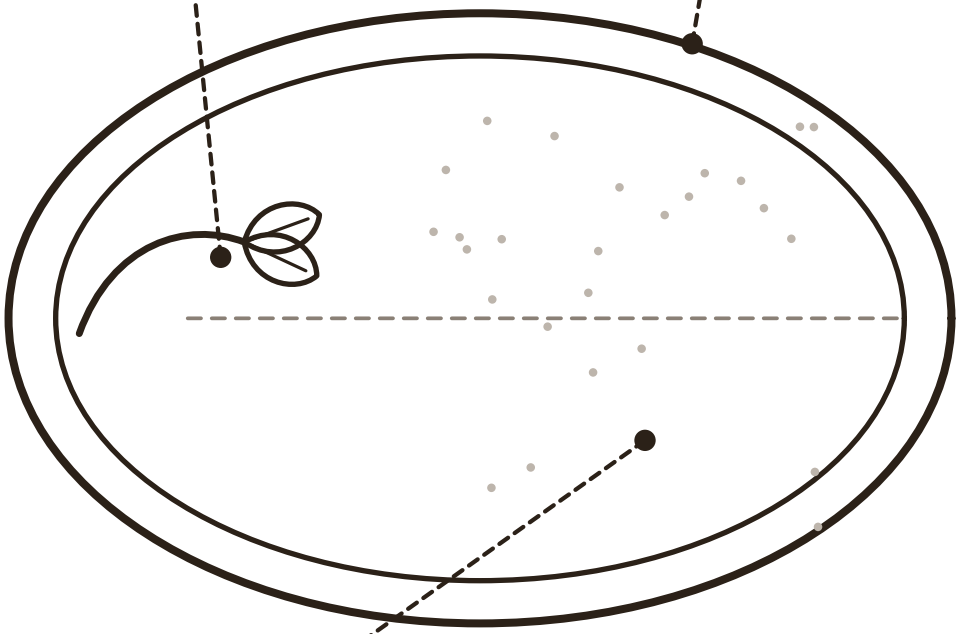
_____

Name: _____

Inside a Seed

Write the words on the lines. Use the word bank!

1. _____ 2. _____



3. _____

Word bank

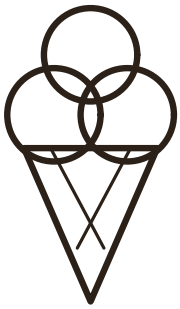
seed coat baby plant food (snack)

The seed coat keeps the baby plant safe. The food helps it start to grow.

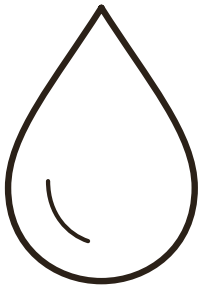
Name: _____

What Does a Seed Need?

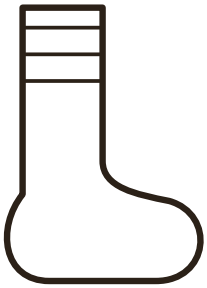
Circle the 3 things a seed needs to wake up and grow.



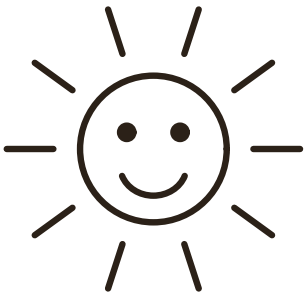
ice cream



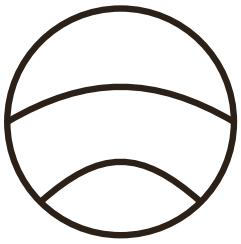
water



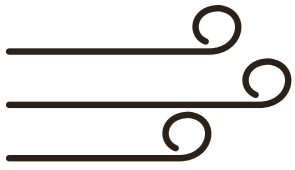
a sock



warmth



a ball



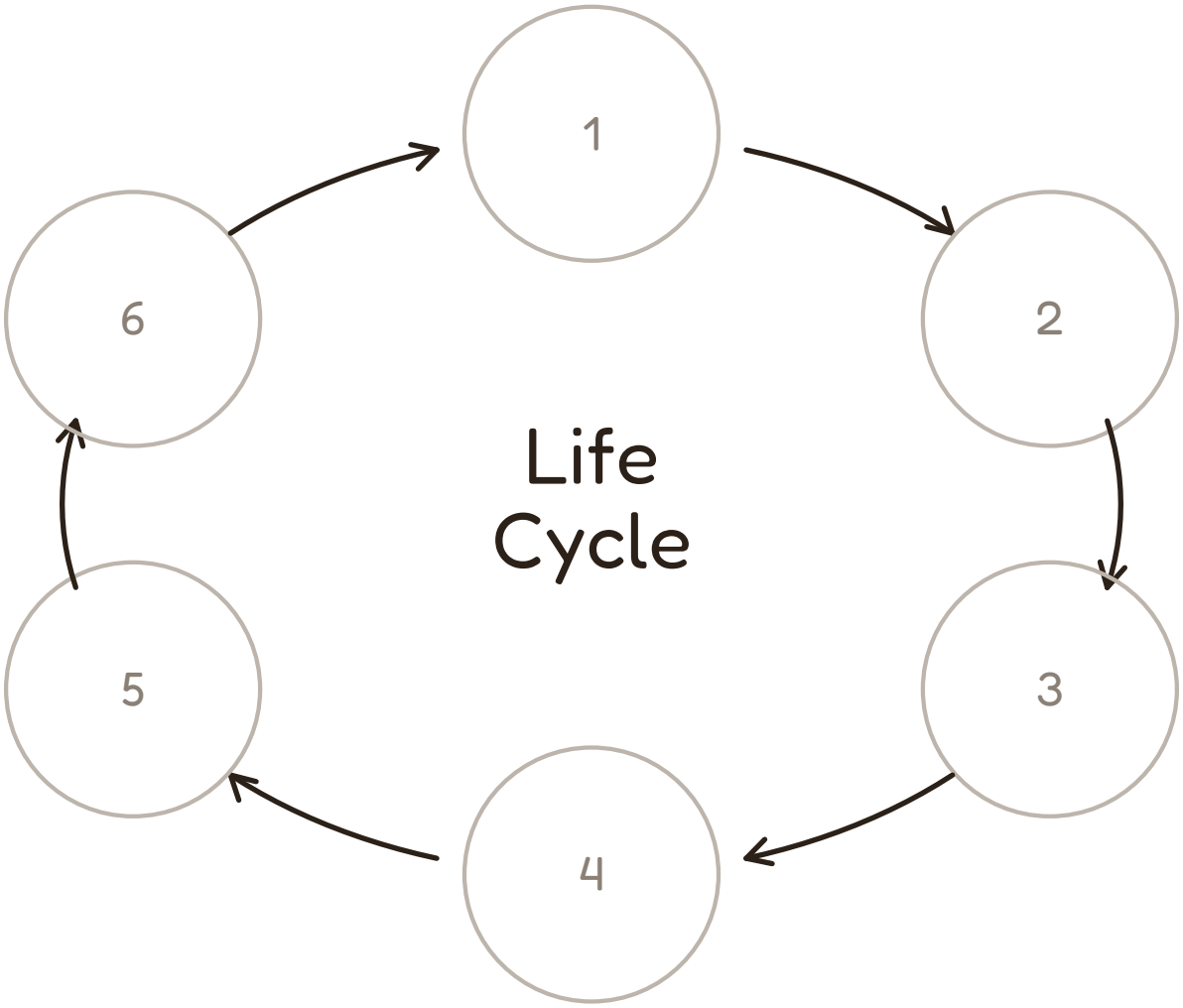
air

Hint: a seed needs water, warmth and air!

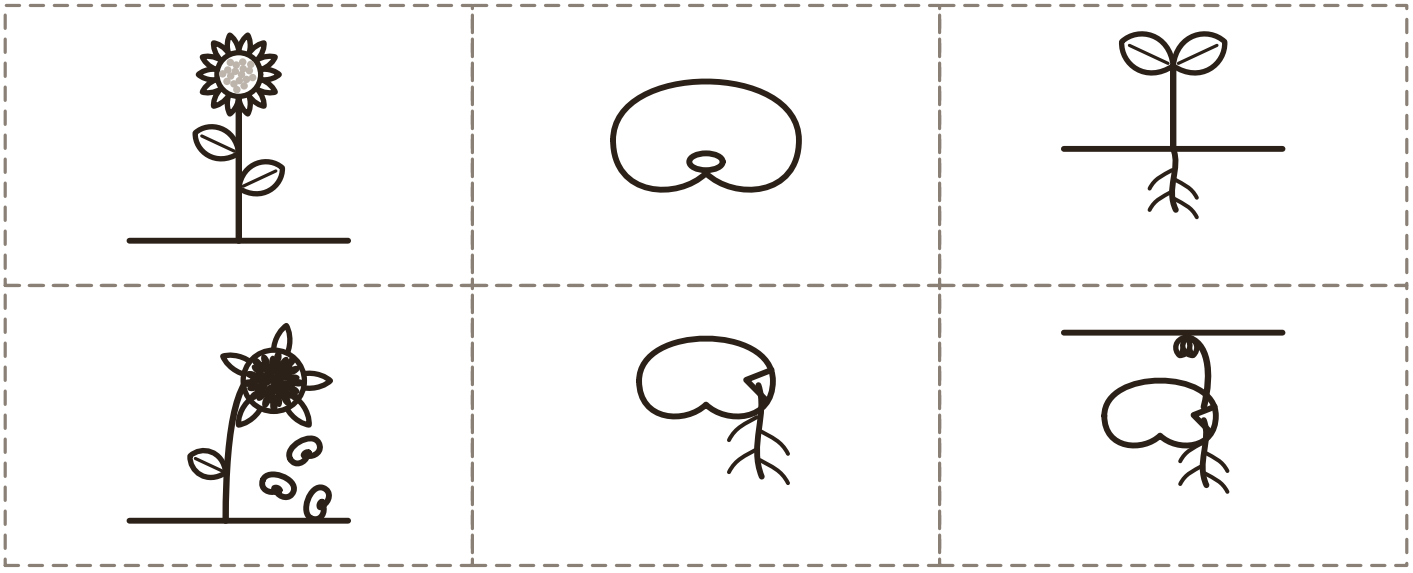
Name: _____

The Life Cycle

Cut out the 6 pictures. Glue them on the circles in the right order.



cut along the dashed lines



Name: _____

Trace the Plant Words

Trace each word with a pencil. Then say it out loud!



seed

now you write it:



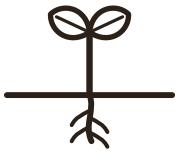
root

now you write it:



shoot

now you write it:



leaves

now you write it:



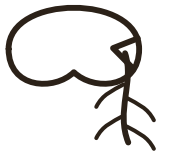
flower

now you write it:

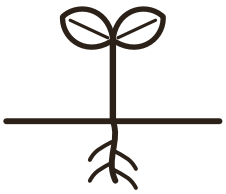
Name: _____

What Does It Do?

Draw a line from each plant part to its job.



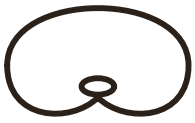
root



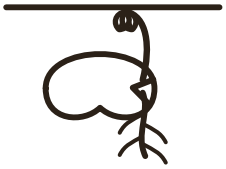
leaves



flower



seed coat



shoot

makes food from sunlight

grows up toward the light

drinks up water

makes new seeds

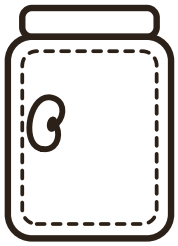
keeps the baby plant safe

Name: _____

Grow a Bean in a Jar!

Ask a grown-up to help. Look at your bean every day and fill in the chart.

1. Put a wet paper towel inside a clear jar.
2. Tuck a bean seed between the paper towel and the glass.
3. Keep the towel wet. Put the jar in a warm, bright spot.
4. Check every day. Which comes out first, the root or the shoot?

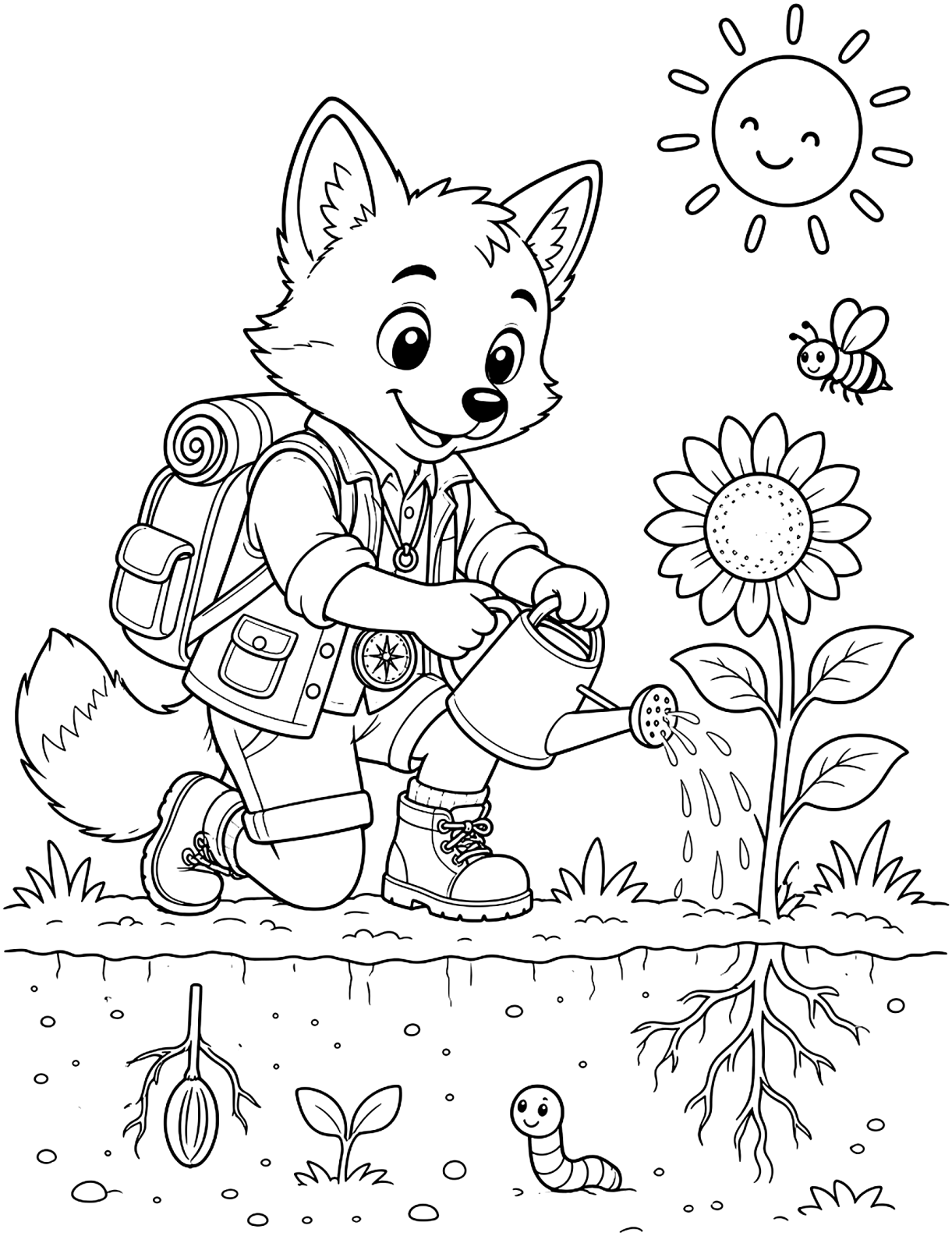


Day	Draw your bean	Root?	Shoot?	Leaves?
1		☐	☐	☐
2		☐	☐	☐
3		☐	☐	☐
4		☐	☐	☐
5		☐	☐	☐
6		☐	☐	☐
7		☐	☐	☐

Name: _____

Colour the Garden!

Ollie is watering a sunflower. Can you see the roots and the sprout under the ground?



Name: _____

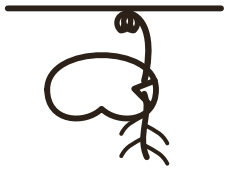
Plant Quiz

Circle the right answer.

1. What grows first?

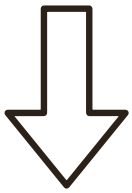


the root



the shoot

2. Which way does the shoot grow?



down into the soil



up toward the light

3. What does a seed need to wake up?

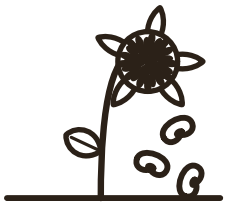


ice cream



water

4. What does a flower make?



new seeds



socks

Certificate

Super Plant Scientist



This certificate is awarded to

_____

for learning how a seed grows:

seed, root, shoot, leaves, flower and new seeds!

Ollie the Fox

Date: _____