


EarthGen

# GARDEN EXPLORATIONS

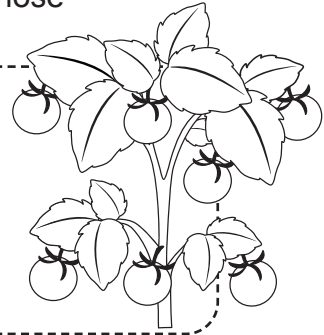
Grades K-2



## Tomato Math

Suzie built a raised garden bed in her yard. She planted 30 tomato seeds. 17 of those seeds have started to grow!  How many seeds have not started growing?

Dashed-line writing area for the math problem.

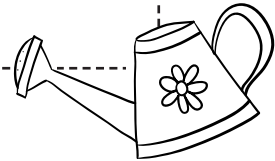


## Pollinator Power

Pollinators help move pollen from one flower to the next. Pollination is needed to make new plants grow. Some examples of pollinators can be found on the edges of this page.

 In the space provided below, draw your favorite pollinator.

Dashed-line writing area for drawing a pollinator.



## Garden Search

 Circle the objects below that you might typically find in a garden.

Bees

Corn

Soda can

Candle

Worms

Soap





## What Lives in a Garden?

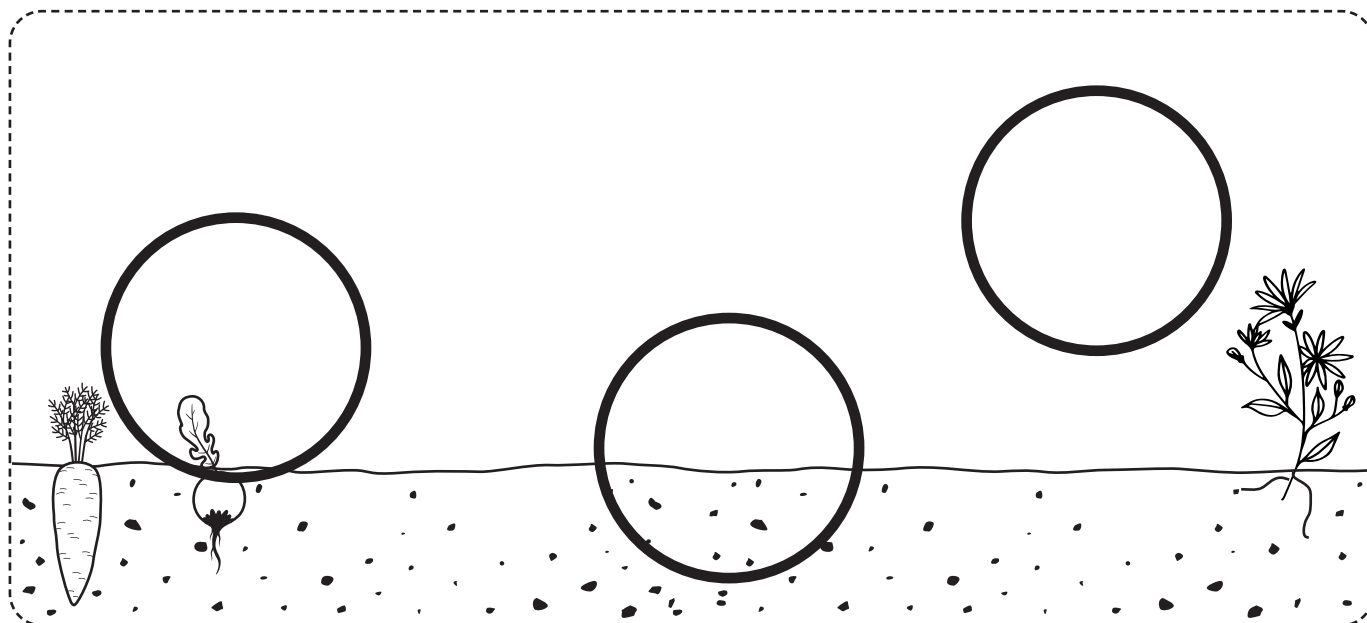
 In the garden below, there are 3 circles. Draw the organisms listed below in the correct circle.



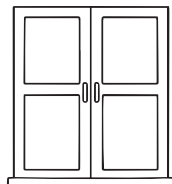
**Mushrooms or fungi** help breakdown nutrients in the dirt for plants to eat and grow.

**Leaves** help plants capture sunlight to make energy to grow.

**Bees** move pollen from one plant to the next to help seeds and fruit grow.



## Try Growing Something on Your Windowsill!



Do you have leftover celery, green onion, lettuce, or garlic in your kitchen? These plants can regrow with just some water and sunlight! Let's see if we can help them to grow in our homes! Remember to change the water every couple of days.



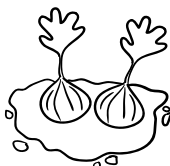
 Draw a picture of your vegetable sprouts each day to show changes over time.

**Celery:** Cut about two inches above the bottom, place the bottom in a small bowl of water, and wait about a week to see new leaves and roots growing.

**Green onion:** Keep the bottom white part with the roots, place in a glass with enough water to cover the roots, and in a few days see new growth.

**Lettuce:** Cut off the bottom, place in a small bowl of water, and in a few days new lettuce should grow!

**Garlic:** Place a clove in a small amount of water with the root side down, and in a few days you'll see green growth!



## Compost Bonus Question

Compost is made up of broken down food, leaves, and other organic matter. Why is compost good for the garden?



Share your idea with an adult or older sibling.

