

# BOTANY

Grades 3-6

# STUDENT JOURNAL

This journal belongs to:



THE GOOD AND THE BEAUTIFUL



## INSTRUCTIONS

This student journal accompanies *The Good and the Beautiful Botany* science unit. It contains all the worksheets and journal pages that are needed to complete the unit. Each student will need his or her own copy of the science journal.

Have each student take his or her time to create high-quality work as the activities and worksheets are completed. Students may enjoy looking back on their past discoveries when they've finished.





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# SHOW AND TELL

To be completed outdoors in any season:

Circle items that you hear, smell, feel, and see outside. Draw pictures in the circles as desired.

## HEAR



## SMELL



## FEEL

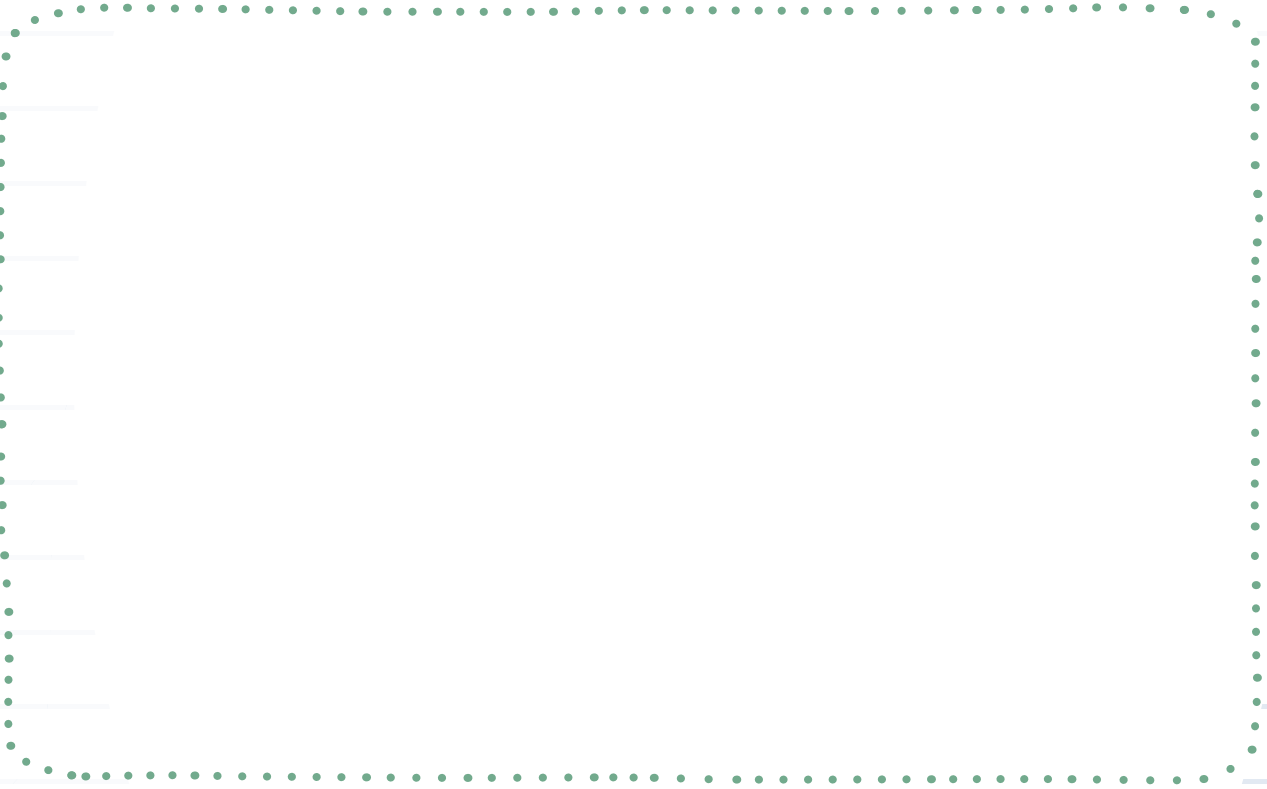


## SEE



# PLANT PARTS

Draw your plant with as much detail as possible. Include the stem, roots, leaves, and flowers.



Draw a line from the plant part to its function.



Flower

Contains the embryo  
of a new plant



Fruit

Anchors the plant in  
place and holds nutrition



Seed

Supports the plant's leaves  
and sucks up water



Stem

Performs  
photosynthesis



Leaf

Part of the plant  
that makes seeds



Root

Protects seeds





# Microscope Lab

Date: \_\_\_\_\_



Specimen Observed:

\_\_\_\_\_

Notes:

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Date: \_\_\_\_\_



Specimen Observed:

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Notes:

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# ART STUDY



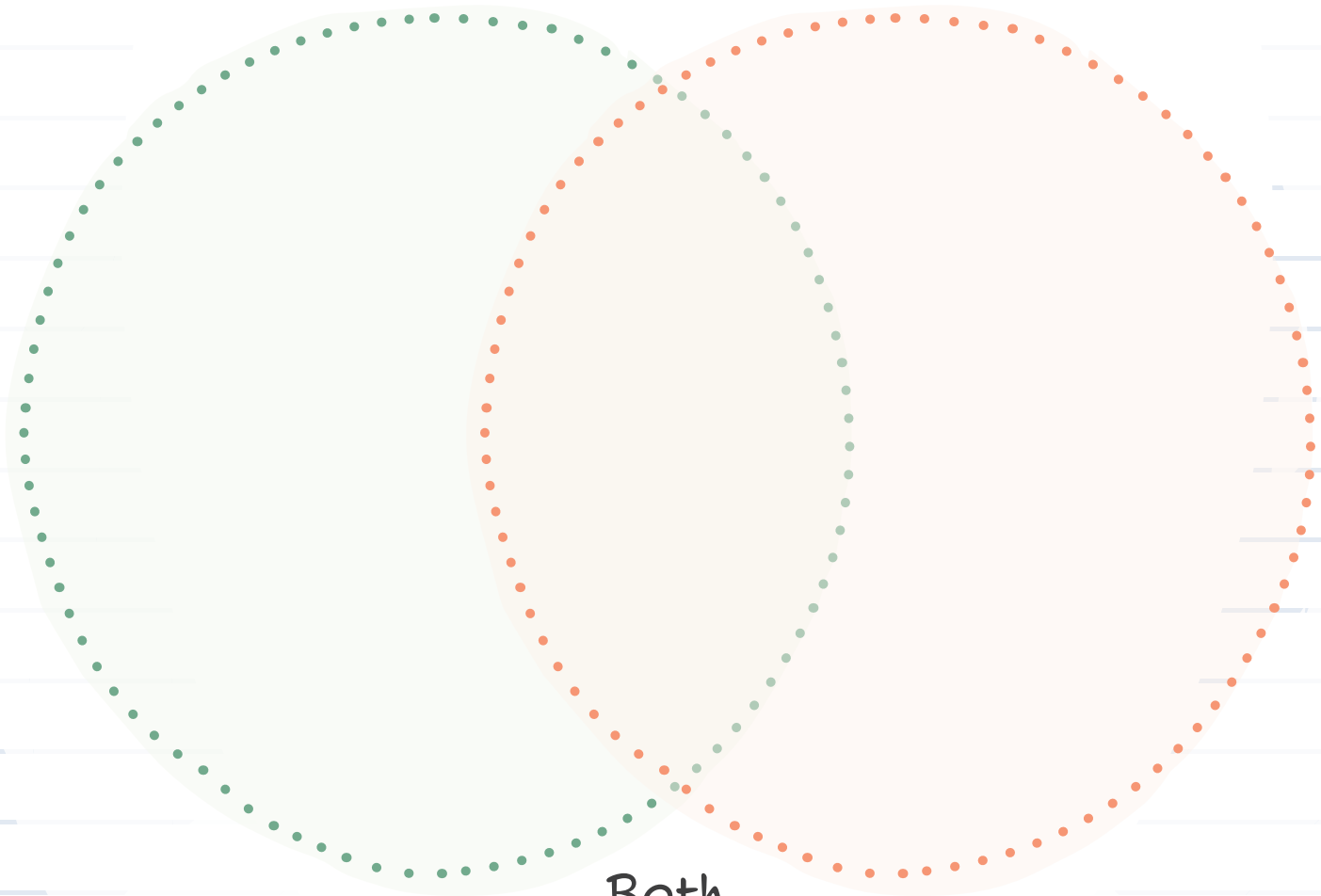
“La Joie des choses” by Armand Point  
(1860–1932), 1884

# VENN DIAGRAM

Cut out the words at the bottom of the page and glue them in the correct places on the Venn diagram.

Plant Cell

Animal Cell



Rectangular shape	Circular shape	Lysosomes	Nucleus
Cell wall	Chloroplasts	One large vacuole	Several small vacuoles
Cell membrane	Cytoplasm	Mitochondria	Ribosomes
	Golgi body	Endoplasmic reticulum	





# SOIL EXPLORATION

Look at three different samples of soil. Use the boxes below to draw what you see when you look at your soil samples up close.

Sample 1



Sample 2



Sample 3



Circle all the words that describe your soil samples.

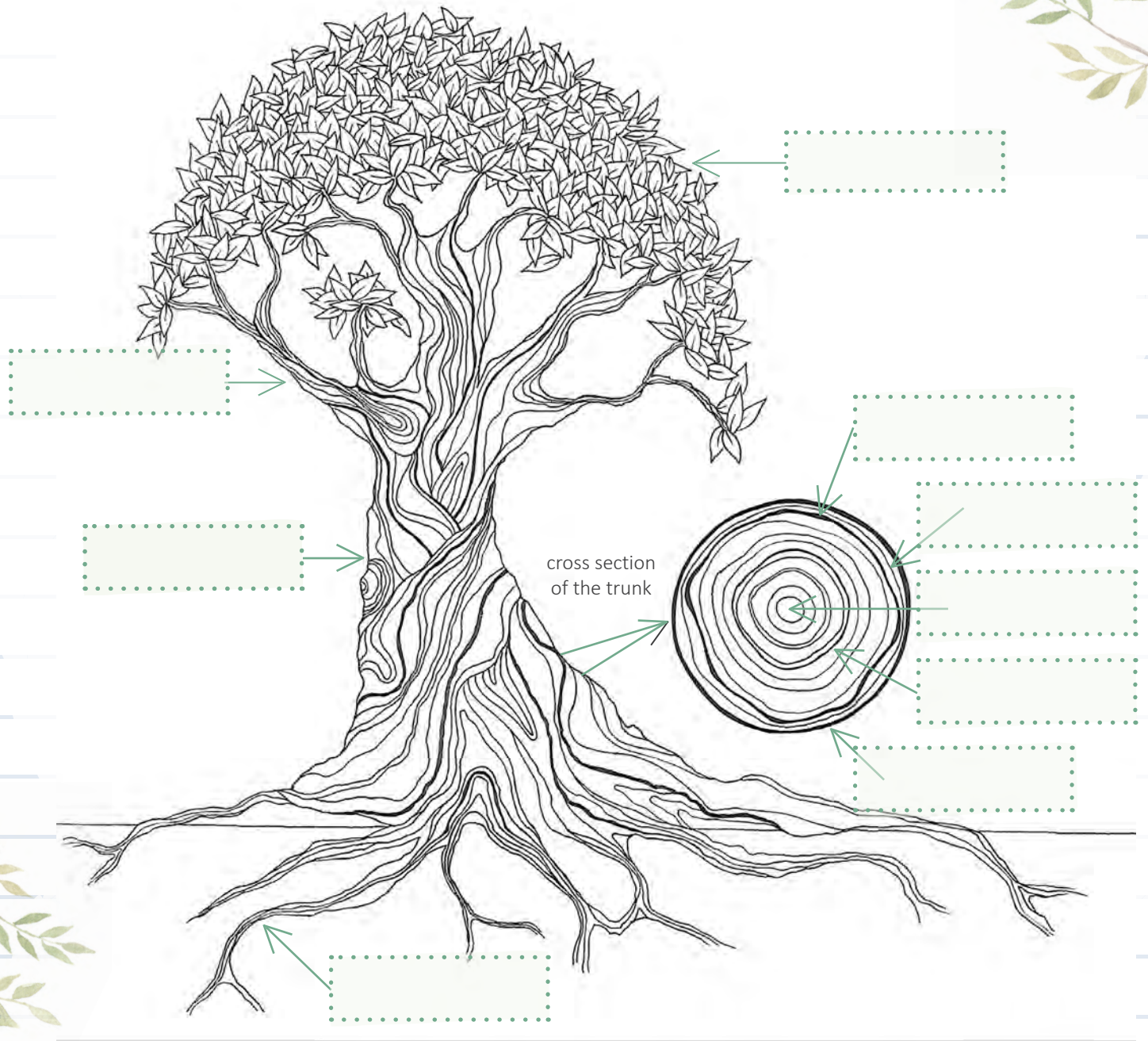
Dry   Wet   Muddy   Damp   Soft   Hard   Rocky  
Sandy   Grainy   Smooth   Clumpy   Crumbly  
Black   Gray   Brown   Lighter   Darker

Did you find anything interesting in your soil samples (rocks, plant roots, bugs, leaves, etc.)? Use the box below to draw the things you found.




# PARTS OF A TREE

After reading the tree parts definitions, cut out the word boxes on the previous page and glue them below in the correct space.



# POISONOUS PLANTS

Draw a picture of poison ivy and write a one-sentence description of poison ivy and two other poisonous plants. Refer to the memory game cards if needed.



Name: Poison Ivy

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Name:

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Name:

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