

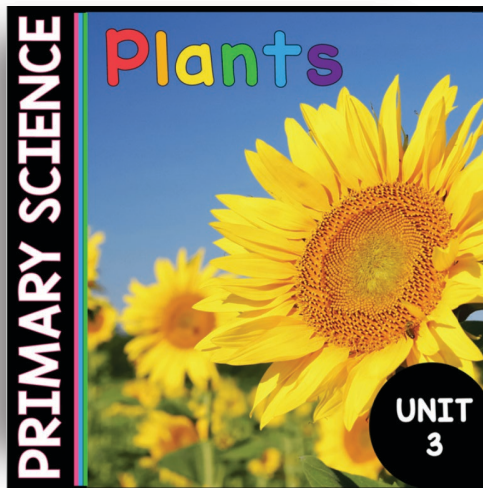
PRIMARY SCIENCE

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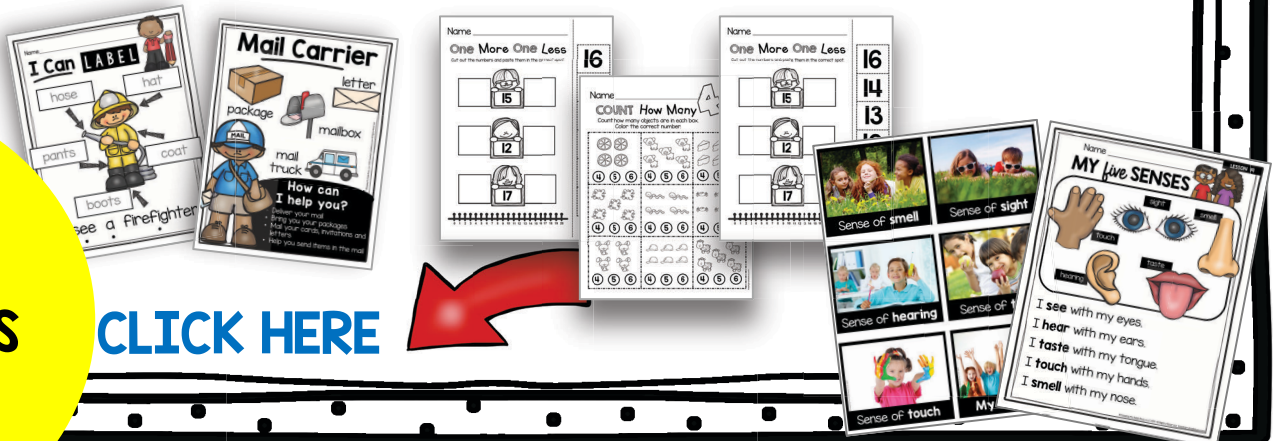
12 lessons to explore
and learn all about
plants

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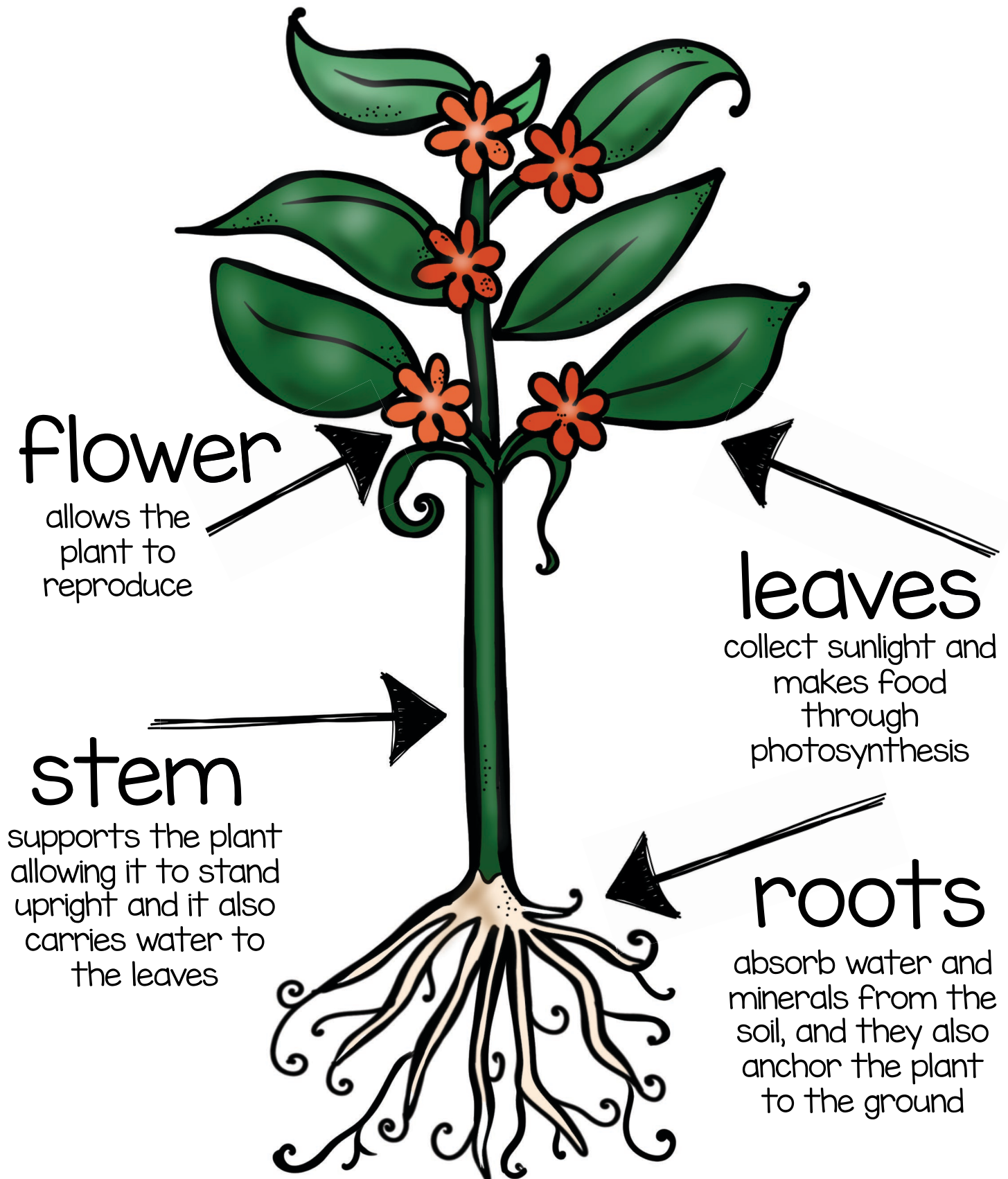
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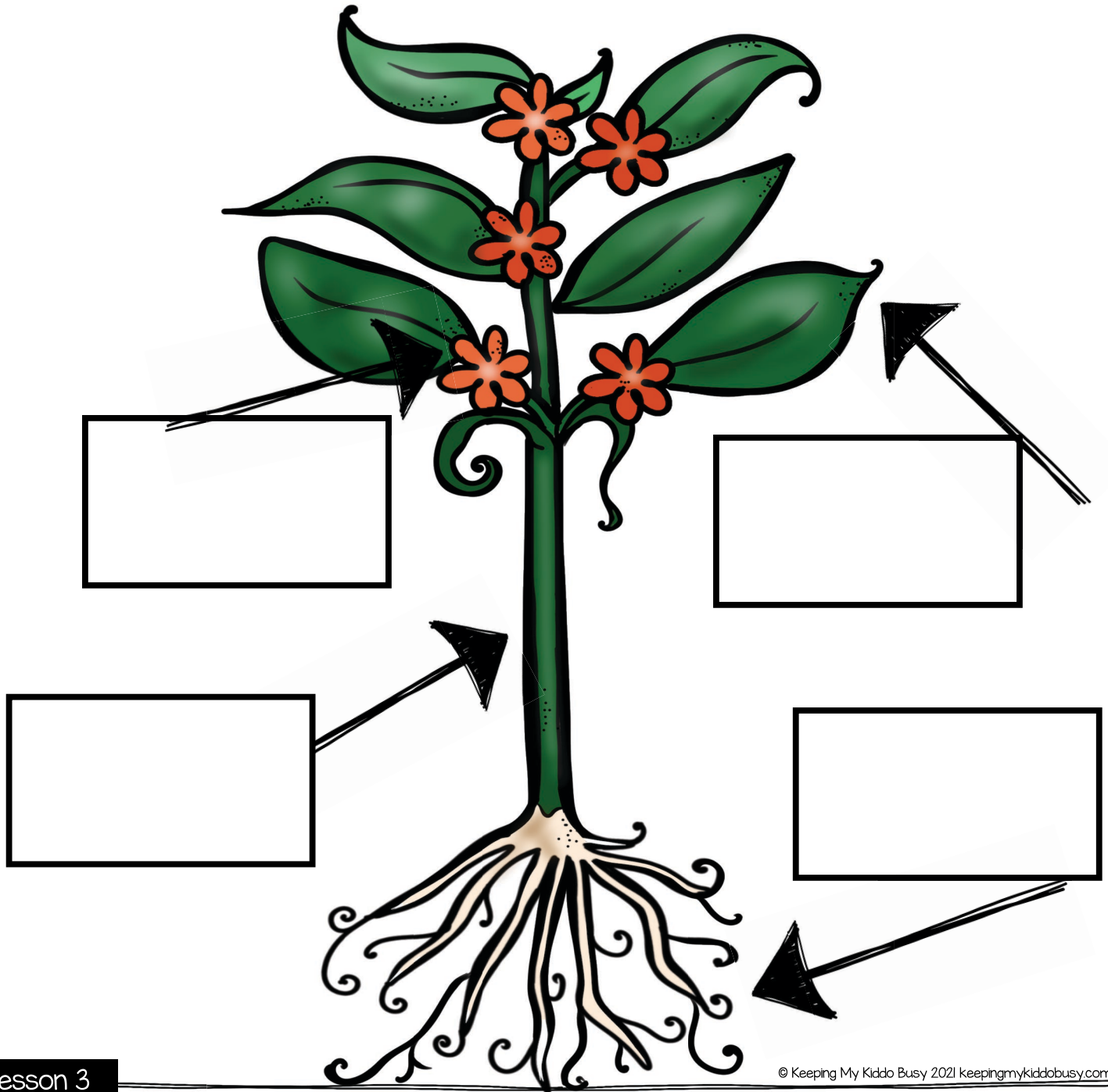


LABEL the PLANT



LABEL the PLANT

Name _____



Lesson 3

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stem

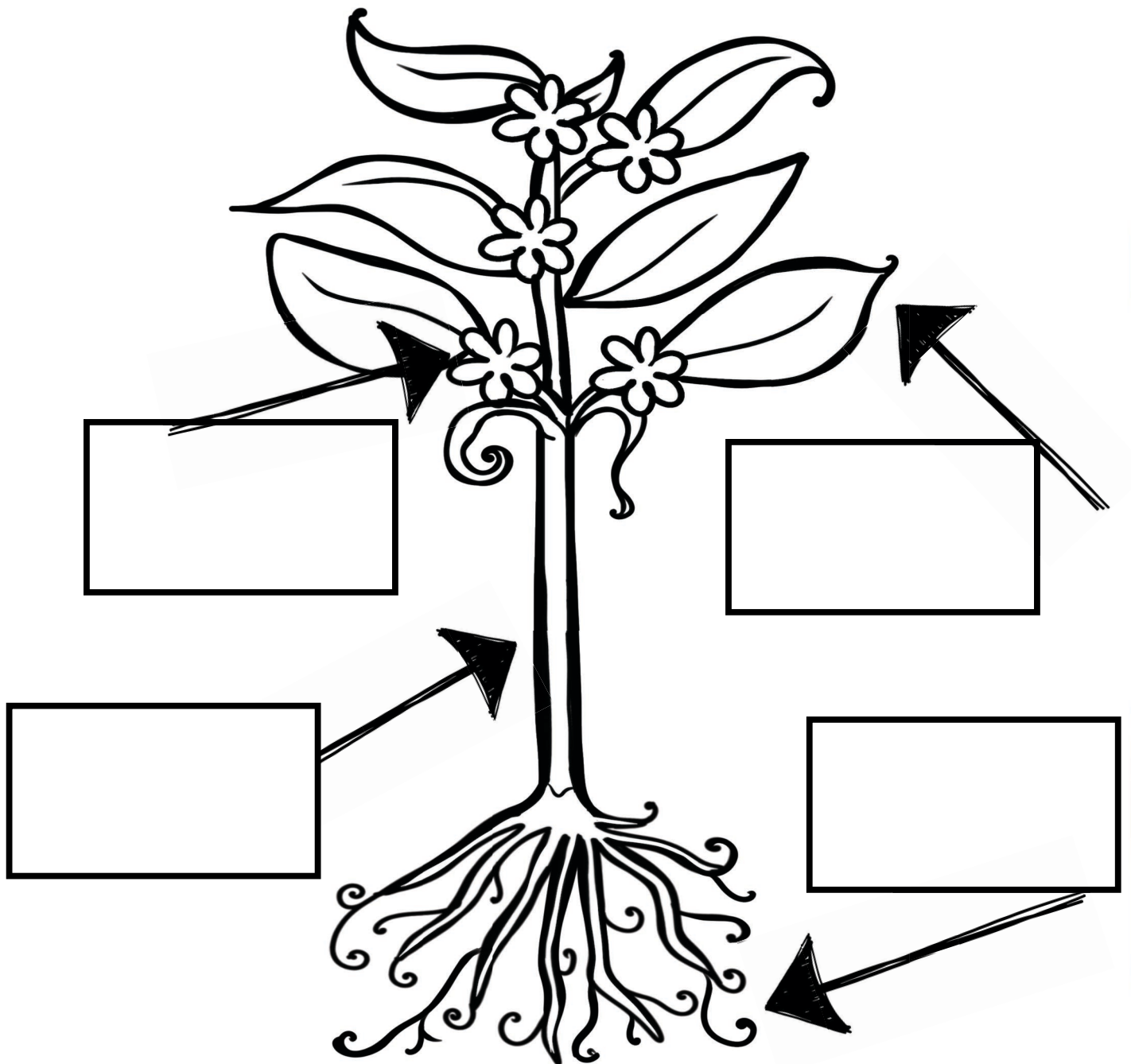
leaves

flower

roots

LABEL the PLANT

Name _____



Lesson 3

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stem

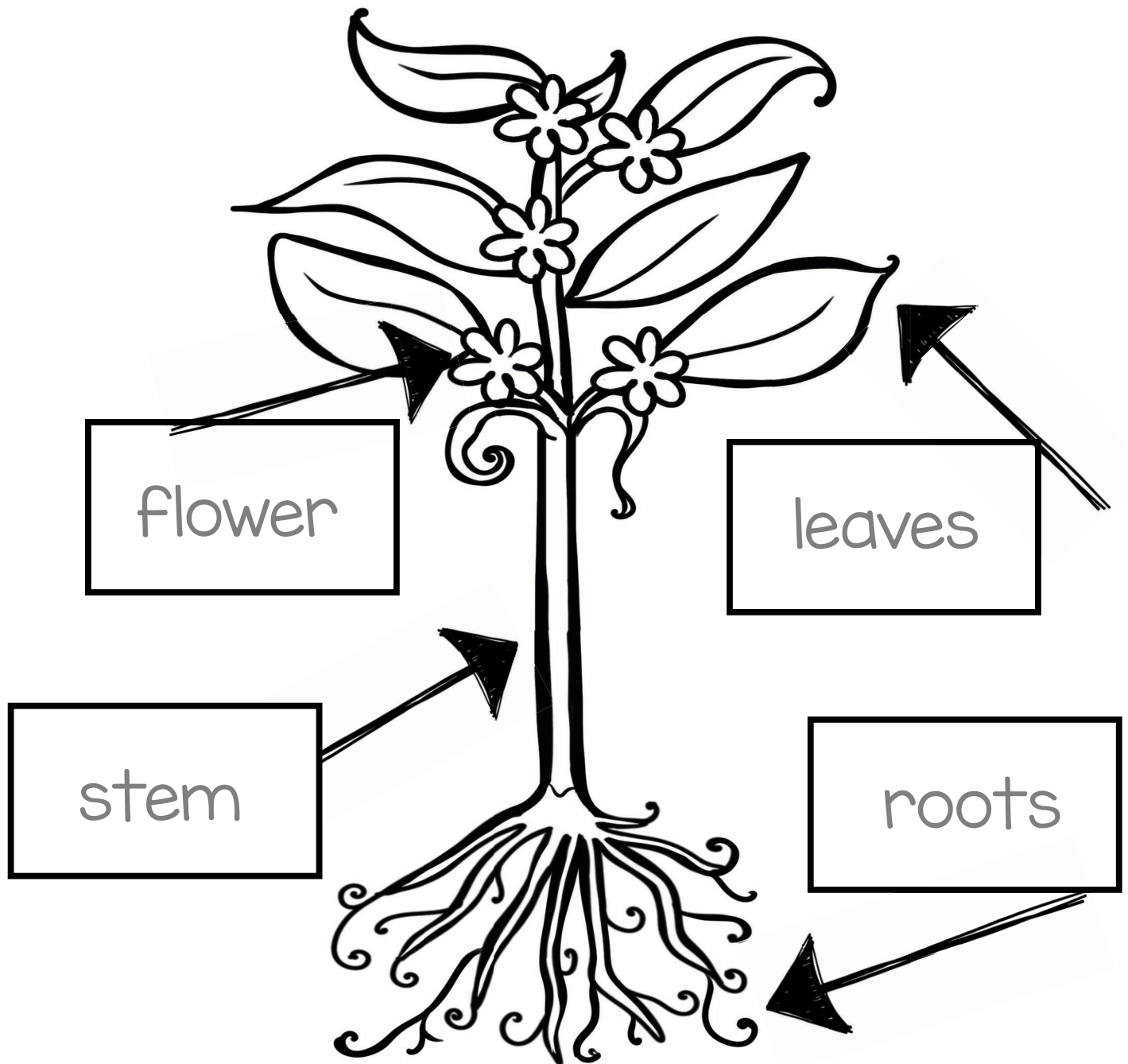
leaves

flower

roots

LABEL the PLANT

Name _____



Lesson 3

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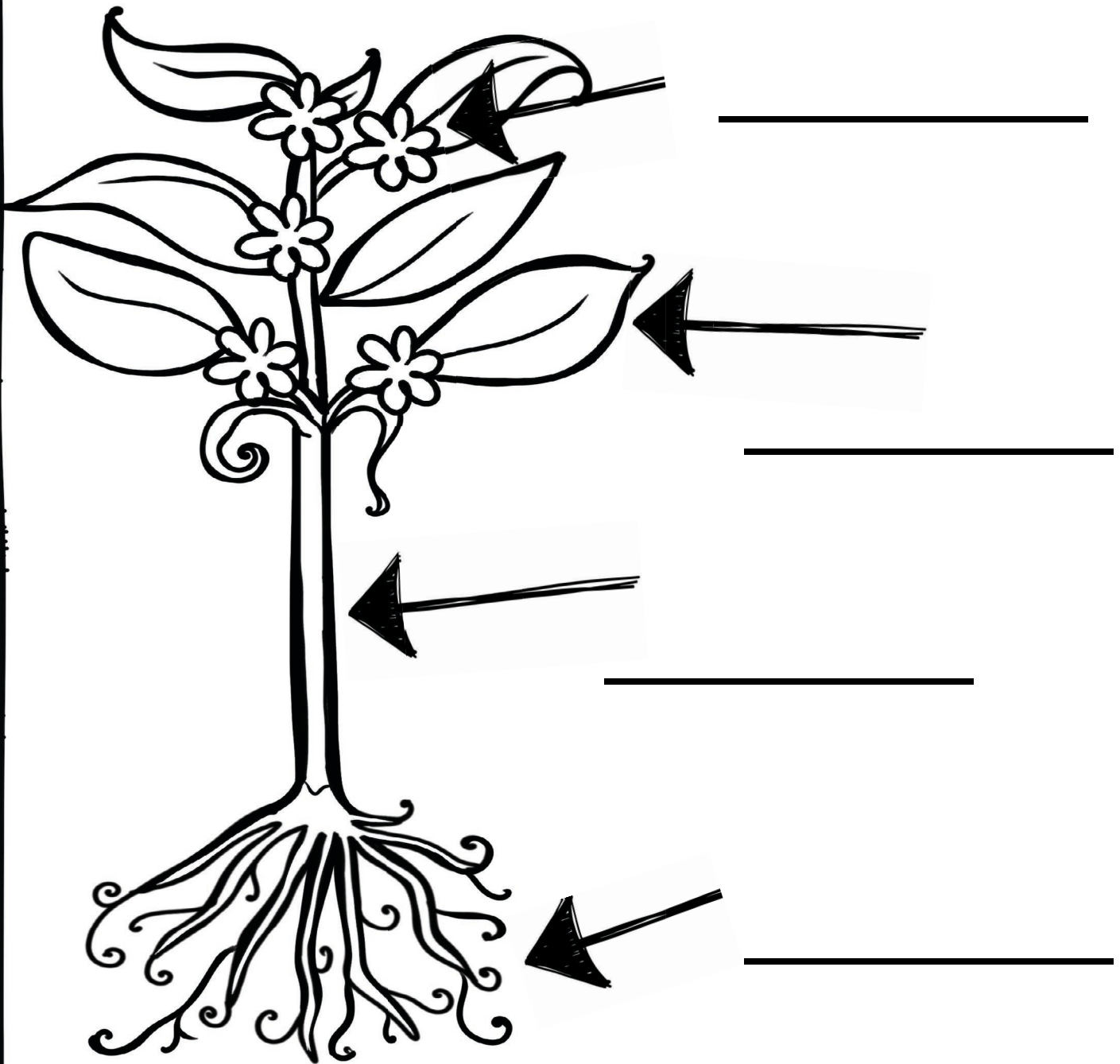
stem

leaves

flower

roots

LABEL the PLANT



WORD BANK

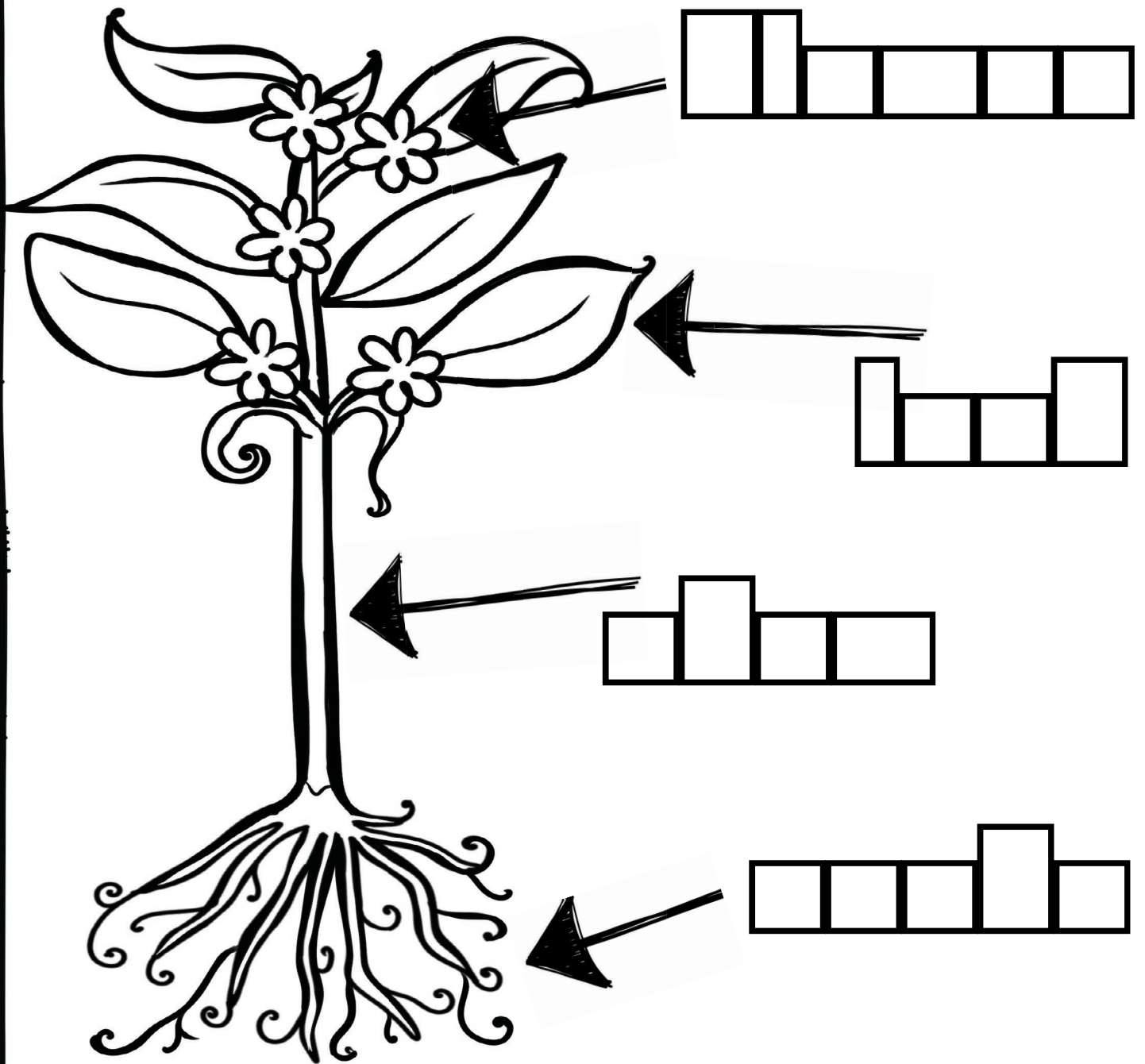
stem

leaf

flower

roots

LABEL the PLANT



WORD BANK

stem

leaf

flower

roots

Primary Science

UNIT 3

All About Plants

LESSON #1

Alive vs Not Alive

Building background slideshow



Independent activity to check for understanding



name _____

Cut, sort and paste the pictures under the correct heading. Write the words below.

These things are alive:

person	turtle
bird	flower

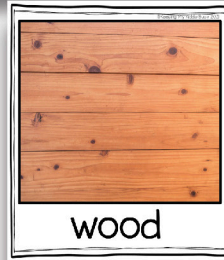
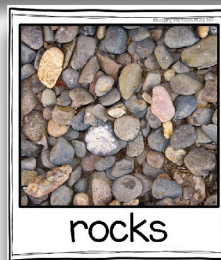
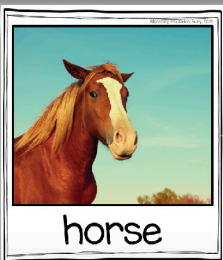
These things are not alive:

fire	umbrella
car	hot cocoa



I am **alive**!

I am **NOT** alive!



Cut out the twelve pocket chart picture cards.

Children love to sort them under the correct heading.

Primary Science

UNIT 3

All About Plants

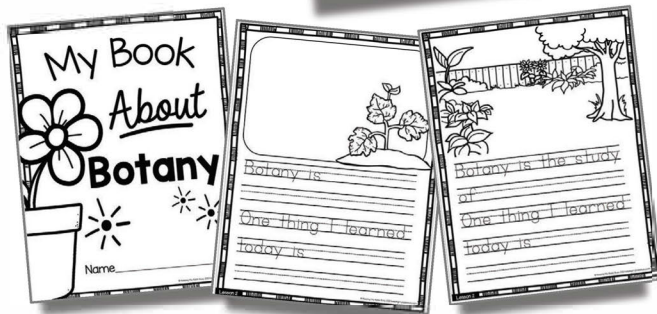
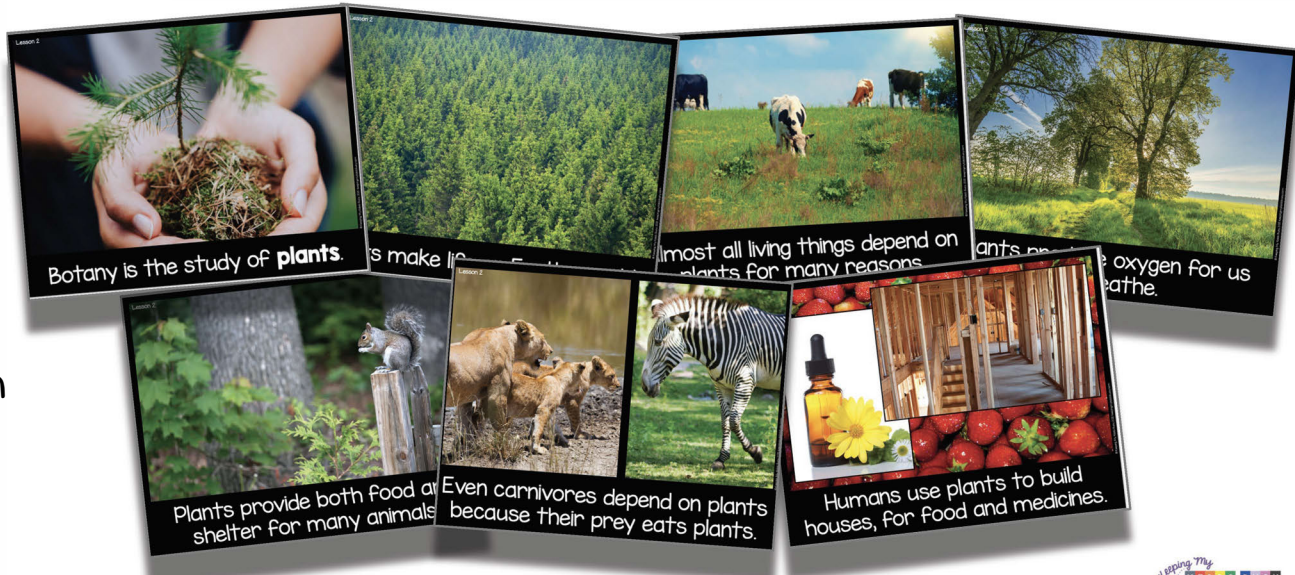
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LESSON #2

What is botany, and why is it important?

Show the building background slideshow about botany.

Show to students, discuss and then give them their Book About Botany to fill out.

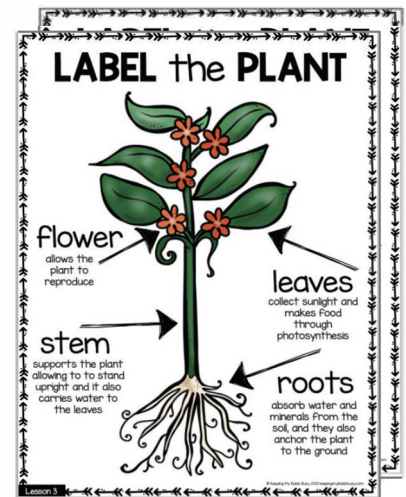
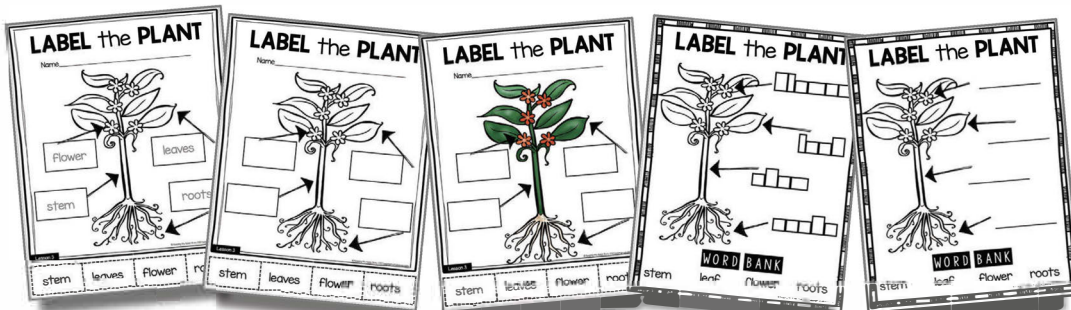


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LESSON #3

Labeling parts of a plant.

Differentiated versions come in both color and black and white. Have students cut and glue to label the plant, write the words using clues from the word bank or they can do both! They fill in the blank version and it can be stapled in their Book About Botany.



LESSON #4

Labeling parts of a plant.

Continued.... Mini Book

Primary Science

UNIT 3

All About Plants

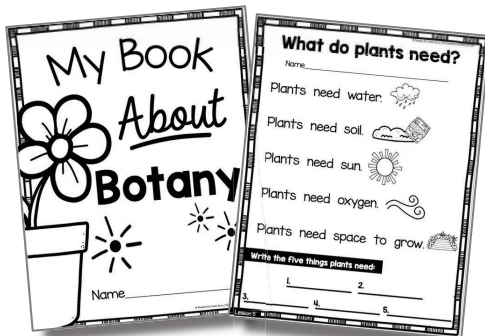
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LESSON #5

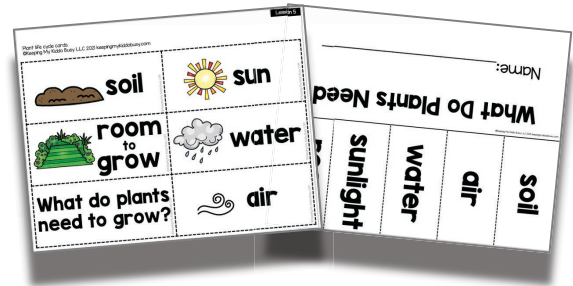
What do plants need to grow?



After showing students the posters and discussing what plants need to grow, students read, color and fill out this page in their botany book.



Students love to make their flipbook about what plants need.



Hands - On Experiment

LESSON #6

Now that we know what plants need, we will experiment with what happens if plants do not receive what they need.

We have six small plants.
One plant will receive everything it needs.
With the remaining five plants, we will take away one from each:

- Water
- Sunlight
- Soil
- Air
- Space to grow

Students record what happens on these recording sheets. Check on the plants and record every day.

What Plants Need Recording Sheet							
Name: _____							
Record your hypothesis and observations here. On each day you can write a word(s) to describe what is happening or draw a picture.							
PLANT #1: No air							
My hypothesis: _____							
Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	
PLANT #2: No soil							
My hypothesis: _____							
Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	
PLANT #3: No water							
My hypothesis: _____							
Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	

What Plants Need Recording Sheet							
Name: _____							
Record your hypothesis and observations here. On each day you can write a word(s) to describe what is happening or draw a picture.							
PLANT #4: No sun							
My hypothesis: _____							
Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	
PLANT #5: No space							
My hypothesis: _____							
Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	
PLANT #6: Needs met							
My hypothesis: _____							
Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	

Primary Science

UNIT 3

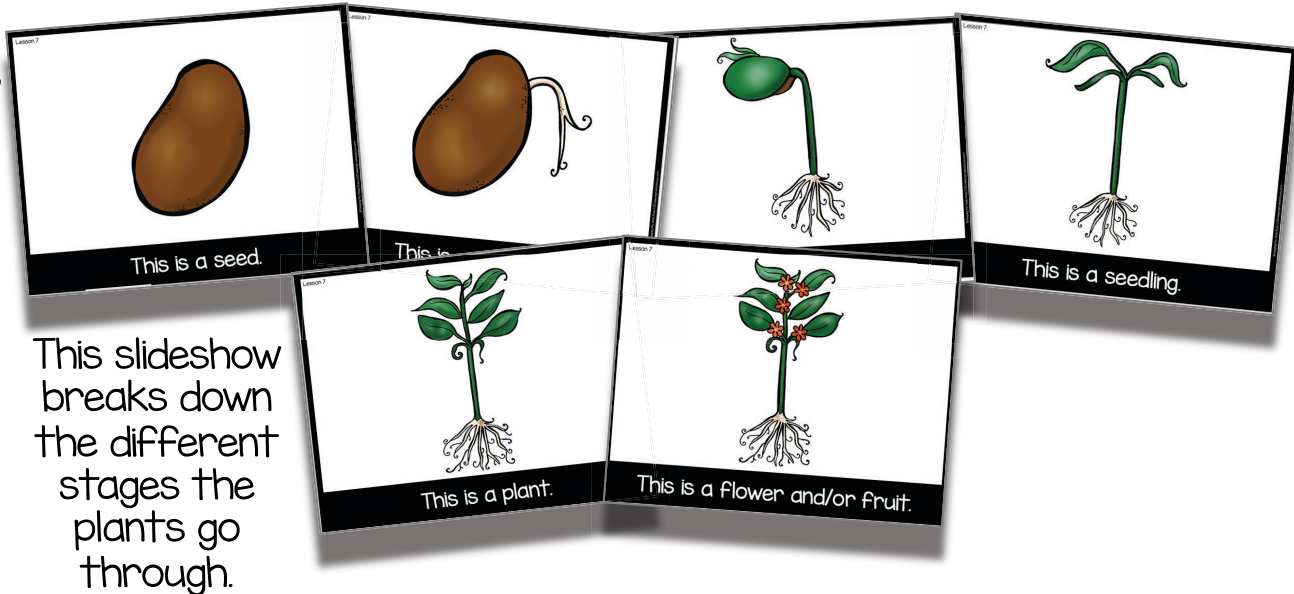
All About Plants

Continued....

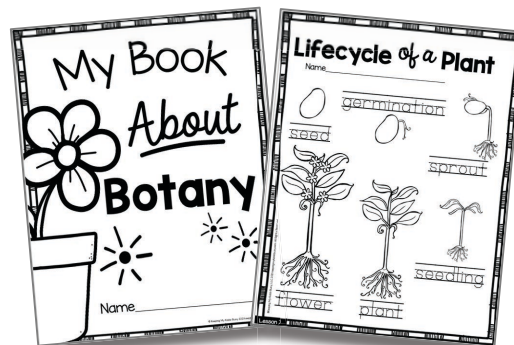
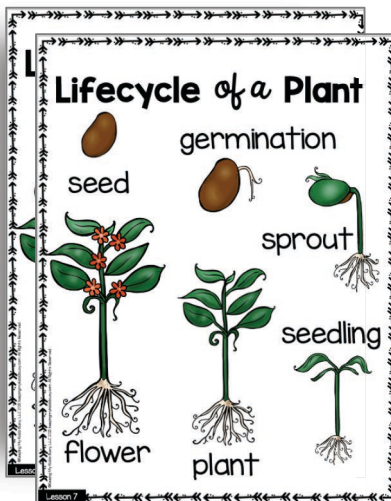
LESSON #7

Learning about the plant lifecycle.

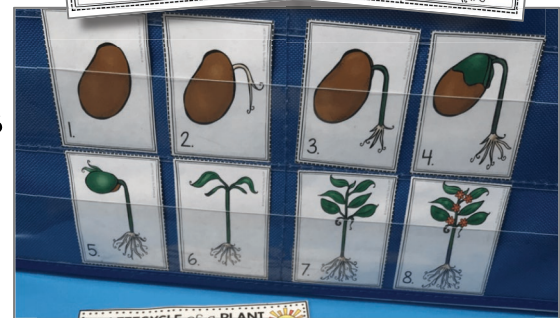
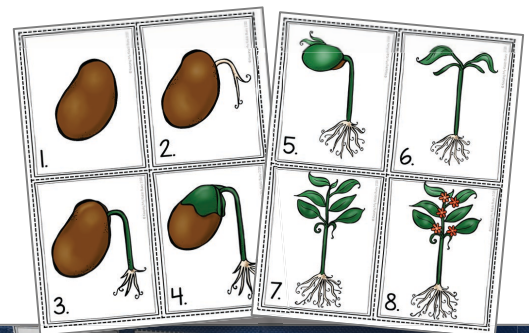
This slideshow helps students see the different stages plant go through when growing. Many children think they go from seed straight to a full-grown plant.



This slideshow breaks down the different stages the plants go through.



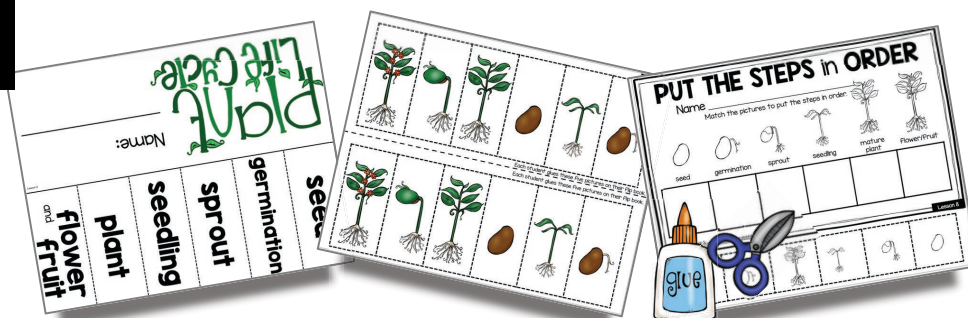
Show them the colorful vocabulary chart and students can trace the words in their botany book. Then you can practice putting the picture cards in order in a pocket chart.



LESSON #8

Plant lifecycle

Continued....



Flipbook and cut and paste activity.

Primary Science

UNIT 3

All About Plants

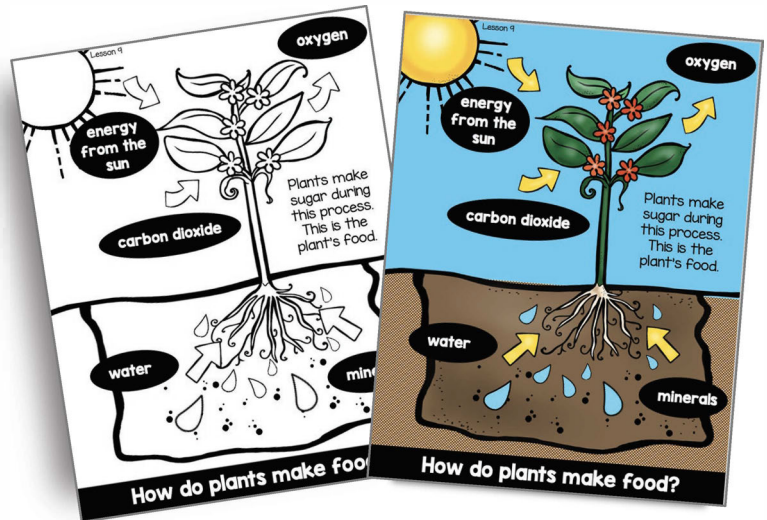
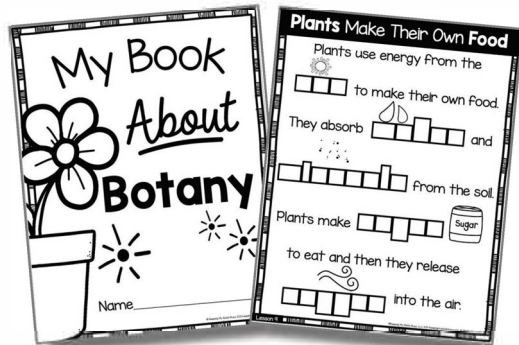
Continued....

LESSON #9

Where do plants get food?

You can put the black and white chart in their botany book if you prefer, or simply pass it out when you teach this lesson.

Explain the chart to students and discuss. Then students can fill out their botany book.



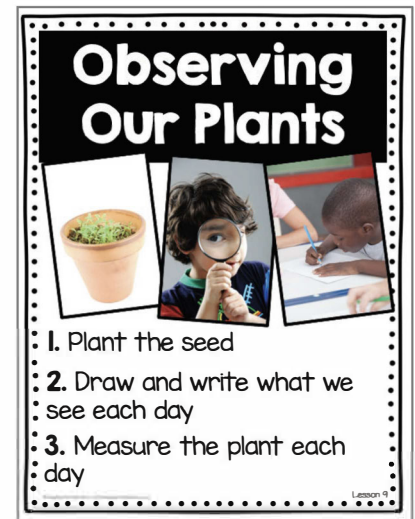
LESSON #10

My very own plant observation.



Students can plant a seed and then watch and record observations as it grows!

Label each student's plant with these adorable tags



Primary Science

UNIT 3

All About Plants

Continued....

LESSON #11

Let's learn about plants around the world.

I start this lesson by showing a video about different plants around the world. View it on the blog [HERE](#)

Then we fill out the graphic organizer below about what plants are, can and have.

Two differentiated versions are included.

All About PLANTS

Name: _____

are	can	have

Plants are _____

Plants can _____

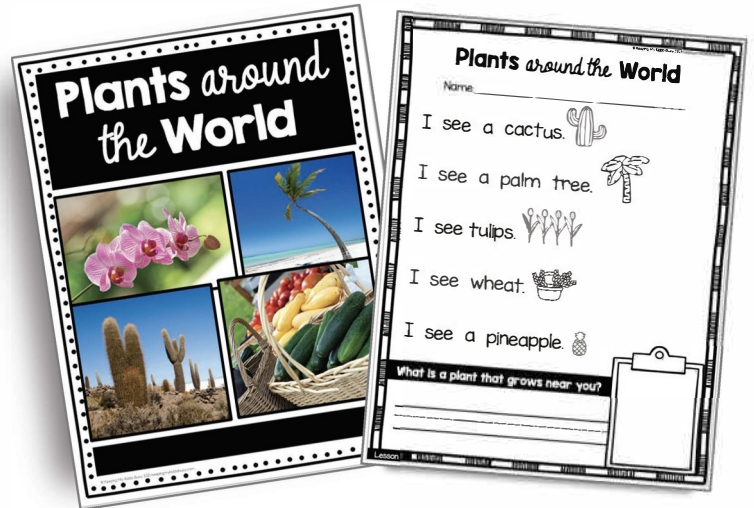
Plants have _____

All About PLANTS

Name: _____

are	can	have

Plants _____



Finally, we discuss how plants look different and need different climates to thrive. Show students the poster and then practicing reading and filling out the activity page in their botany book.

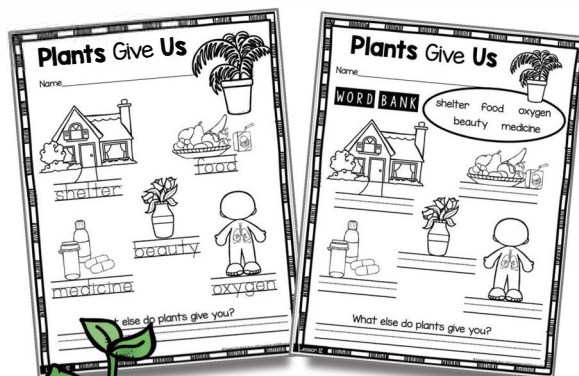
LESSON #12

Unit Review.

In our botany book, we review what we have learned and discuss why we need plants and what they give us.

Two versions are included.

Then I have students write a list of their favorite plants and we share what we learned.



NAME: _____

These are my favorite plants:

WORD BANK	
trees	vegetables
berries	grass
nuts	flowers
corn	wheat
	pumpkins

See this entire unit in action and view the videos and books I use!
[CLICK HERE](#)

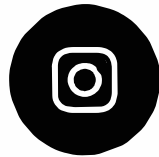
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Away with the Pixels

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