

Simplify Science™

Discovery Activity *Living Things*

Living Things

Standards

K-LS1-1: Use observations to describe patterns of what plants and animals (including humans) need to survive.

Vocabulary

- living things: *plants and animals that grow, eat, and breathe*
- needs: *what living things must have to grow*

Learning Goal

The student will demonstrate an understanding of living things and their needs through matching, sorting, and drawing.

Success Criteria

- **Criteria 1** - The student can accurately explain plant and animal needs.
- **Criteria 2** - The student can accurately match animals to the food they would eat.
- **Criteria 3** - The student can accurately sort living and nonliving things.
- **Criteria 4** - The student can accurately draw and explain the differences between a plant with plenty of water and a plant with little/no water.



Teacher Directions

Living Things

Preparing for the Discovery Activity

- Determine student grouping. There will be 4 stations.
- Each station will need a class set of copies.
- Students will need a pencil, scissors, and glue.
- Remind students that living things are plants and animals that breathe and grow. Needs are what plants and animals need to grow like water, air, light, and food.
- Tell students they will be completing stations about living things and their needs.
- Instruct students on how stations will run (rotations, time limits, etc.).

Discovery Activity

- Give instructions for each station before beginning. Students should hold up each worksheet as you are giving instructions.
- Remind students to have their name on each page and where they should put them as each station is complete, and what to do if time runs out before the time is up.
- **Station 1:** Venn Diagram pg. 5 **This station may be used whole group or as a "with the teacher" station depending on class size, living activities, and familiarity with Venn Diagrams.*
 - Students will cut and sort the needs of plants and animals on the Venn Diagram.
 - Instruct students that the plant needs will go under the plant, the animal needs will go under the animal, and if it is a need of both it will go in the middle.
- **Station 2:** Matching pg. 6
 - Instruct students to draw a line from the animal to the type of food it would eat.
- **Station 3:** Sort pg. 7
 - Instruct students to cut and sort the living pictures into column number 1 and the nonliving things into column number 2.
- **Station 4:** Drawing pg. 8
 - Instruct students to draw a plant that has plenty of water and a plant that has little/no water.
- At the end of each station, remind students to check that they have put their name on their paper and how they should be turned in.

Reflection

- Ask students what they now know about living things.
- Ask students what they now understand about needs.
- Remind students that living things are just like them, and when all their needs are met, they will survive and grow.



Teacher Script

Living Things

Preparing for the Discovery Activity

- "Today you will be working in our normal station groups."
- "At each station, there will be a paper for you."
- "You will need to bring your supply pouch with you to each station."
- "Living things are plants and animals that breathe and grow just like you and me! Living things have needs. Needs are what plants and animals need to grow like water, air, light, and food."
- "Today, we will be completing 4 stations about living things and their needs."
- "For today's stations, you will have 10 minutes per station. We will be rotating to each table for each station."

Discovery Activity

- "There will be four stations today. In station 1, you will cut out each need at the bottom of the page, then you will glue them into the correct section. If it is a plant need, you will glue it under the butterfly. If it is an animal need, you will glue it under the butterfly. If it is a need of both plants and animals, you will glue it in the middle." [hold up the worksheet as you give instructions]
- "In station 2, you will draw a line from the animal to the type of food it eats." [hold up the worksheet as you give instructions]
- "In station 3, you will cut out pictures on the bottom of the page. If it is living, it will go in column number 1. If it is not living it will go in column number 2." [hold up the worksheet as you give instructions]
- "In station 4, you will draw a picture of a plant that has plenty of water in box 1 and a picture of a plant that has only a little bit of water in box 2." [hold up the worksheet as you give instructions]
- "Make sure that you remember to write your name on each paper. When you are done with your paper, turn it in to your mailbox. If you finish before the time is up, you can color the pictures."

Reflection

- "What have we learned about living things?"
- "What have we learned about living things' needs?"
- "Living things are just like you, and when all their needs are met, they will survive and grow."

Name: _____

Discovery Activity

Living Things

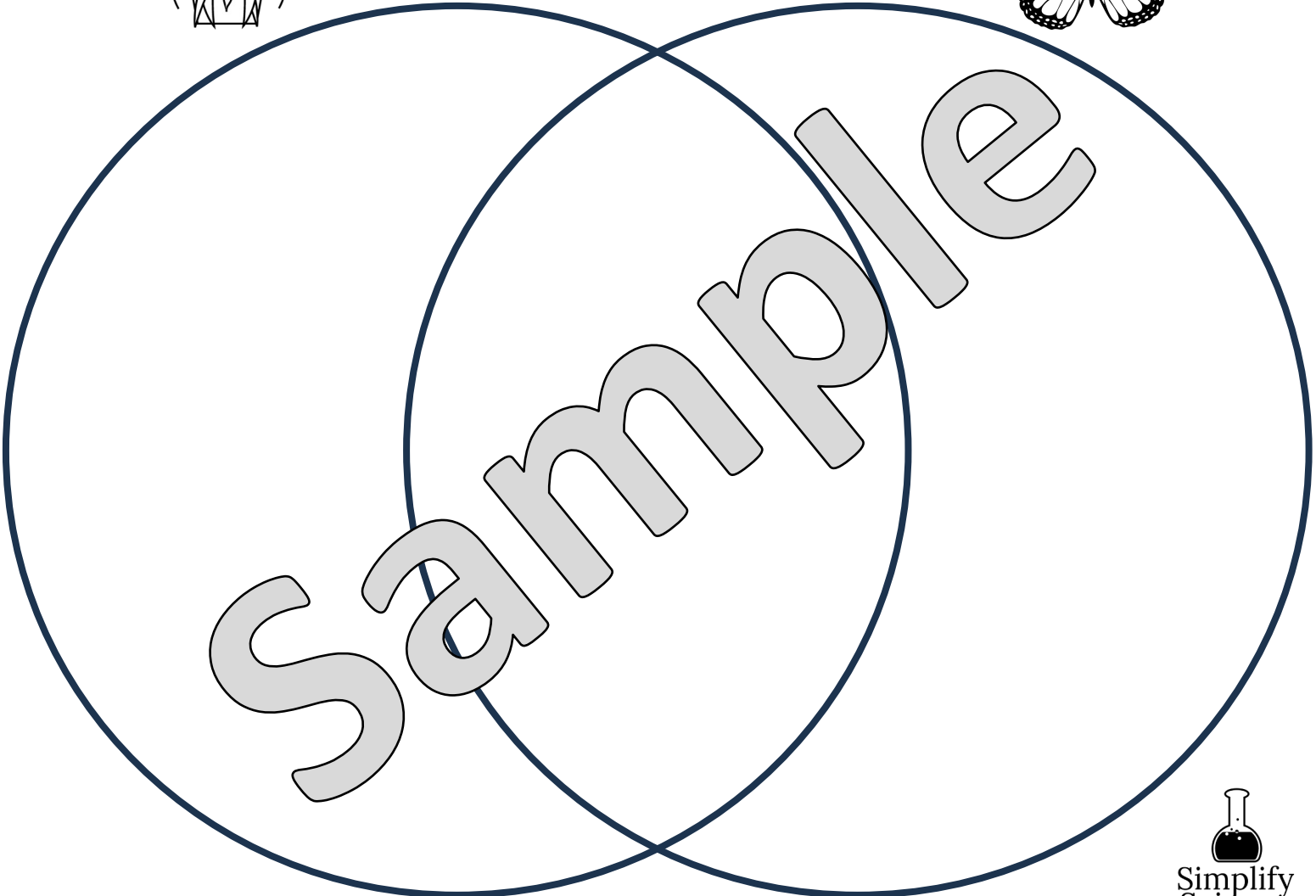
Station I: Venn Diagram

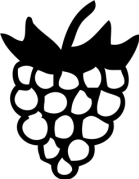
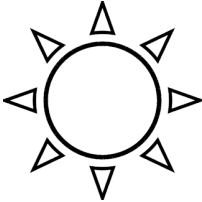
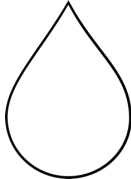

Directions: Sort the images to match the need to the living thing.



Plant

Animal



 Food	 Sunlight	 Water	 Clean Air
---	---	---	--

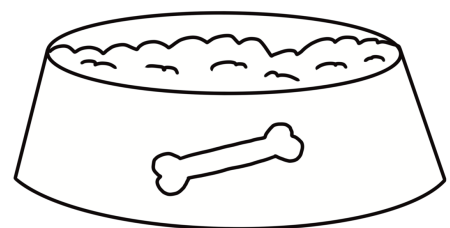
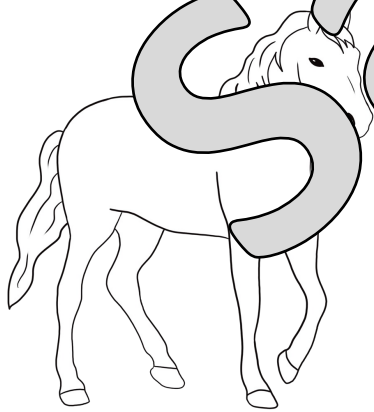
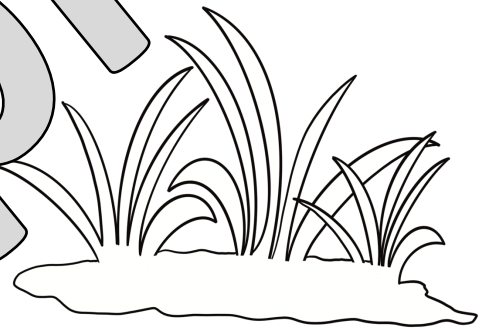
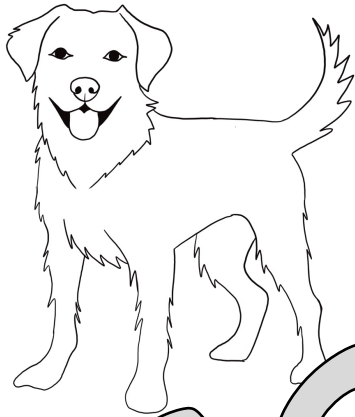
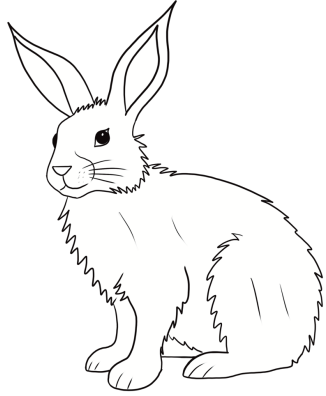
Name: _____

Discovery Activity

Living Things

Station 2: Matching

Directions: Draw lines to match the animal to the food it would eat.



Name: _____


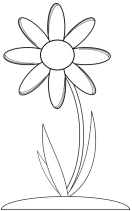

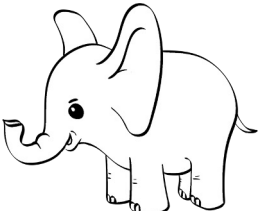
Discovery Activity

Living Things

Station 3: Sort

Directions: Sort the images into the correct column.

1. Living	2. Not Living
<h1>Sample</h1>	

 <p>Car</p>	 <p>Flower</p>	 <p>Chair</p>	 <p>Elephant</p>
--	---	---	---

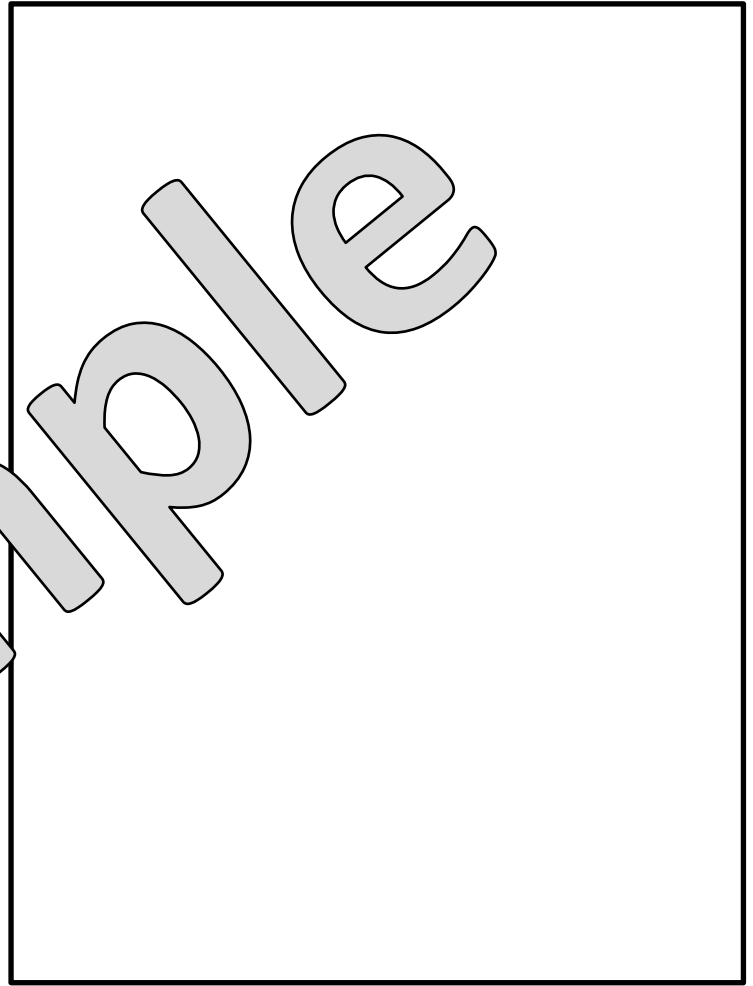
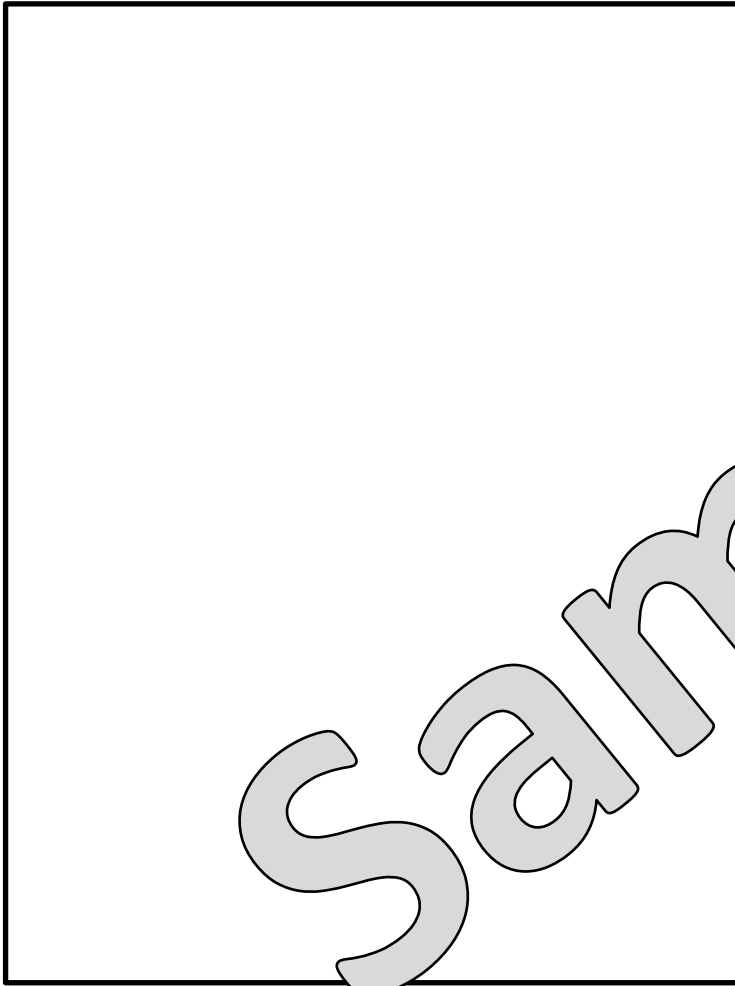
Name: _____

Discovery Activity

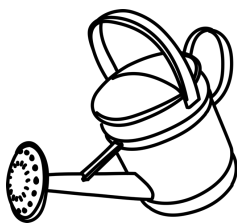
Living Things

Station 4: Draw

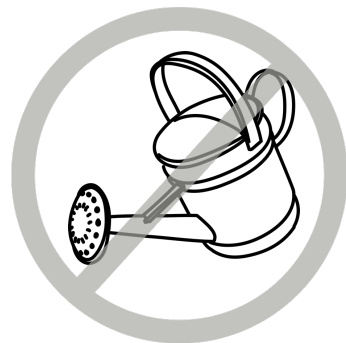
Directions: Draw a picture to show what a plant would look like if it has been watered. Then, draw a picture to show what the plant would look like if it has not been watered.



1. Plant with plenty of water



2. Plant with no water



Name: _____

Discovery Activity

Living Things

Station I: Venn Diagram

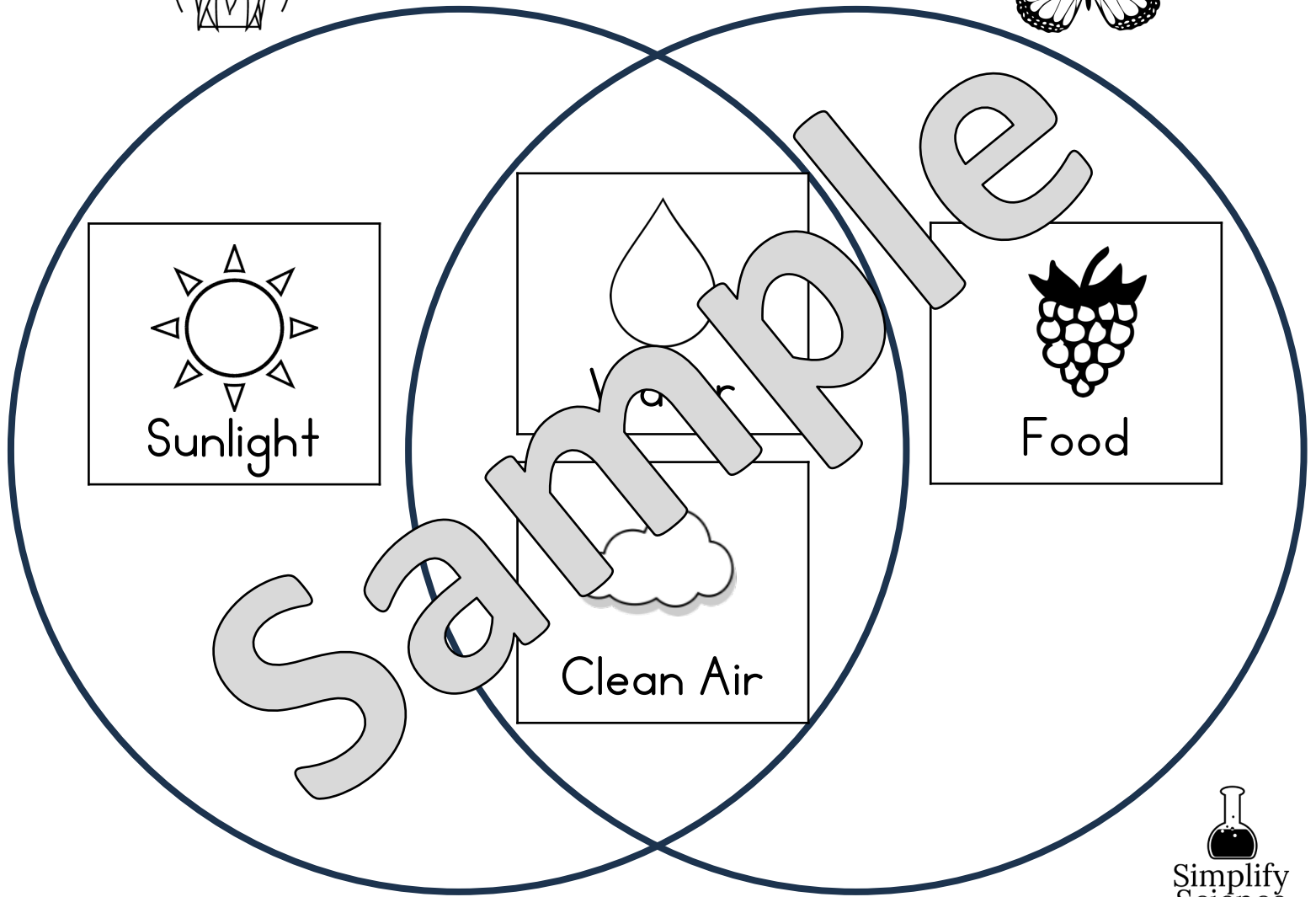
Directions: Sort the images to match the need to the living thing.



Plant

Sample Work

Animal



 Food	 Sunlight	 Water	 Clean Air
----------	--------------	-----------	---------------

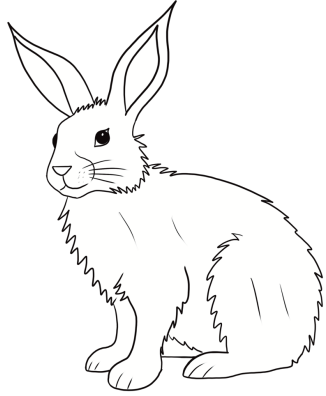
Name: _____

Discovery Activity

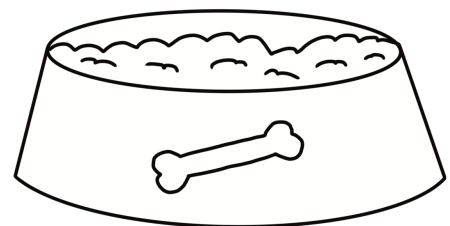
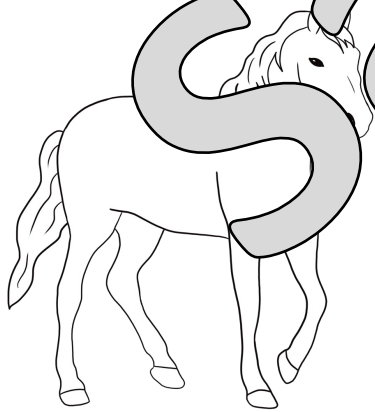
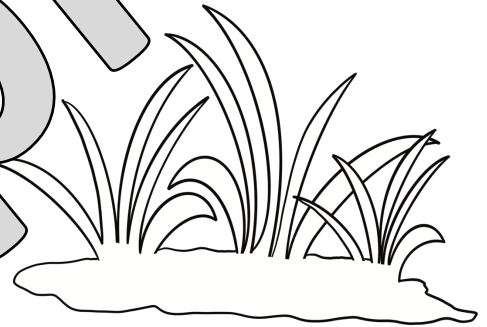
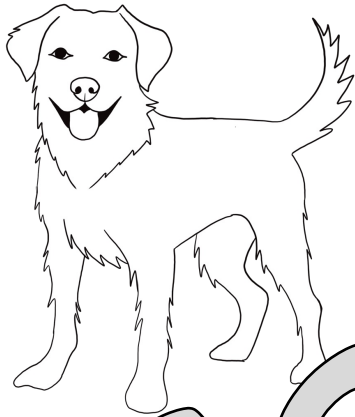
Living Things

Station 2: Matching

Directions: Draw lines to match the animal to the food it would eat.



Sample Work



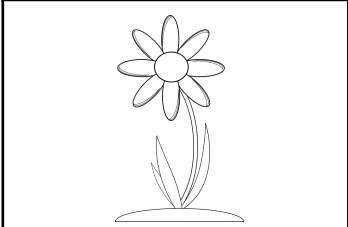

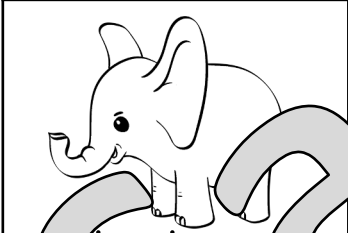

Name: _____





Discovery Activity

Living Things

Station 3: Sort **Sample Work**

Directions: Sort the images into the correct column.

1. Living	2. Not Living
 <p>Flower</p>	 <p>Car</p>
 <p>Elephant</p>	 <p>Chair</p>

			
<p>Car</p>	<p>Flower</p>	<p>Chair</p>	<p>Elephant</p>

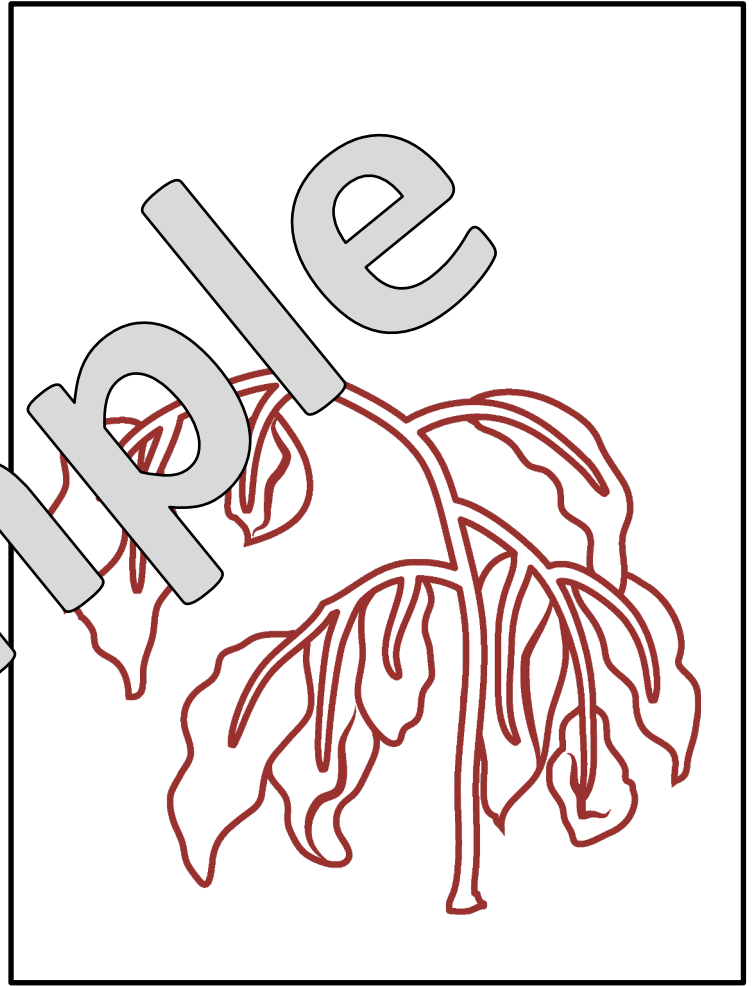
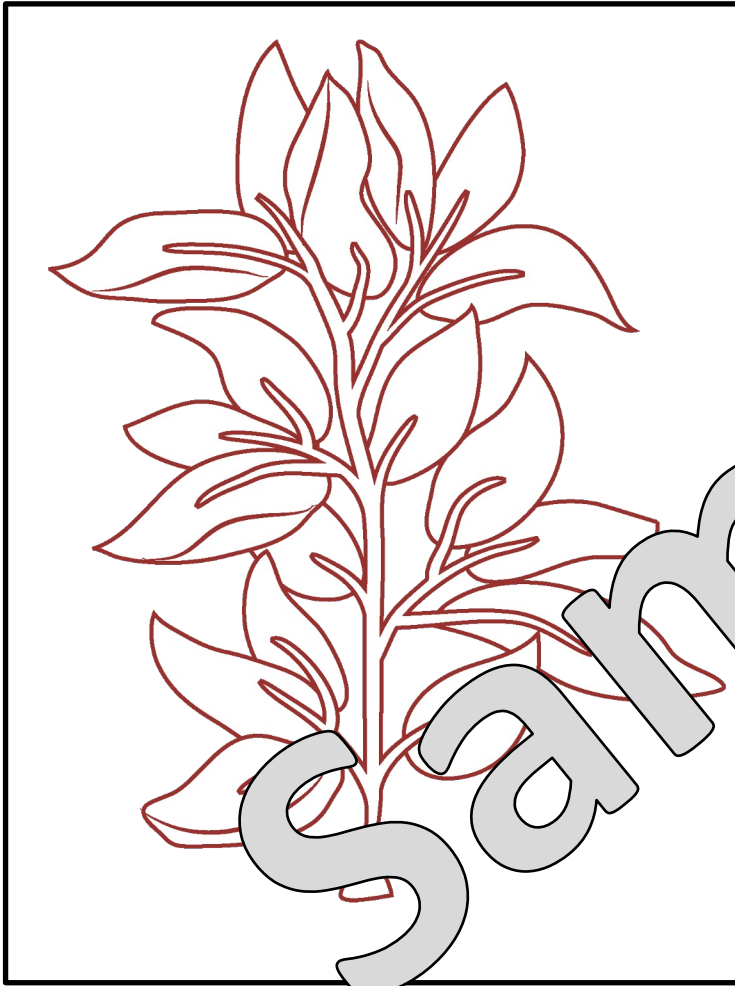
Name: _____

Discovery Activity

Living Things

Station 4: Draw **Sample Work**

Directions: Draw a picture to show what a plant would look like if it has been watered. Then, draw a picture to show what the plant would look like if it has not been watered.



1. Plant with plenty of water

2. Plant with no water

