

# NATURE UNFOLDS

SCIENCE NOTEBOOK



MDC  
**DISCOVER  
nature**  
SCHOOLS

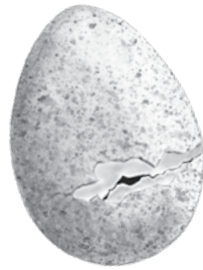




THIS

**SCIENCE NOTEBOOK**

BELONGS TO





# GROWING FLOWERS FROM SEEDS

Date \_\_\_\_\_

Draw the plants under each experimental condition:

**Dark Room**

**Sunny Room**

**Room with Light**

**Water**

**Water**

**Water**

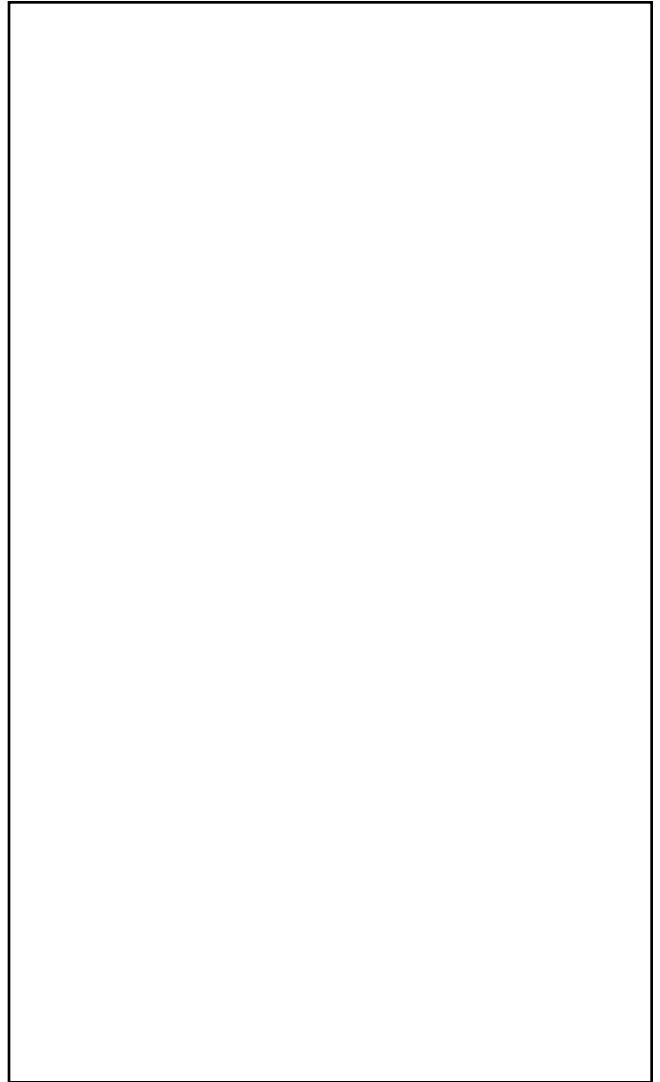
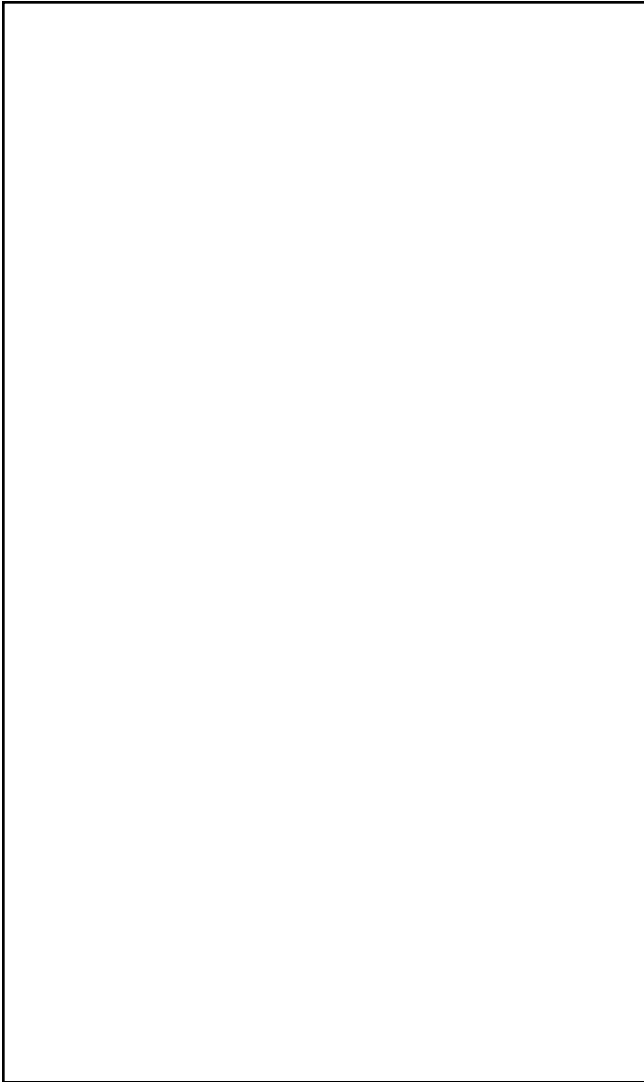
**No Water**

**No Water**

**No Water**

# PEOPLE-MADE

**Draw 2 people-made objects you found.**



**Write the names of the people-made objects.**

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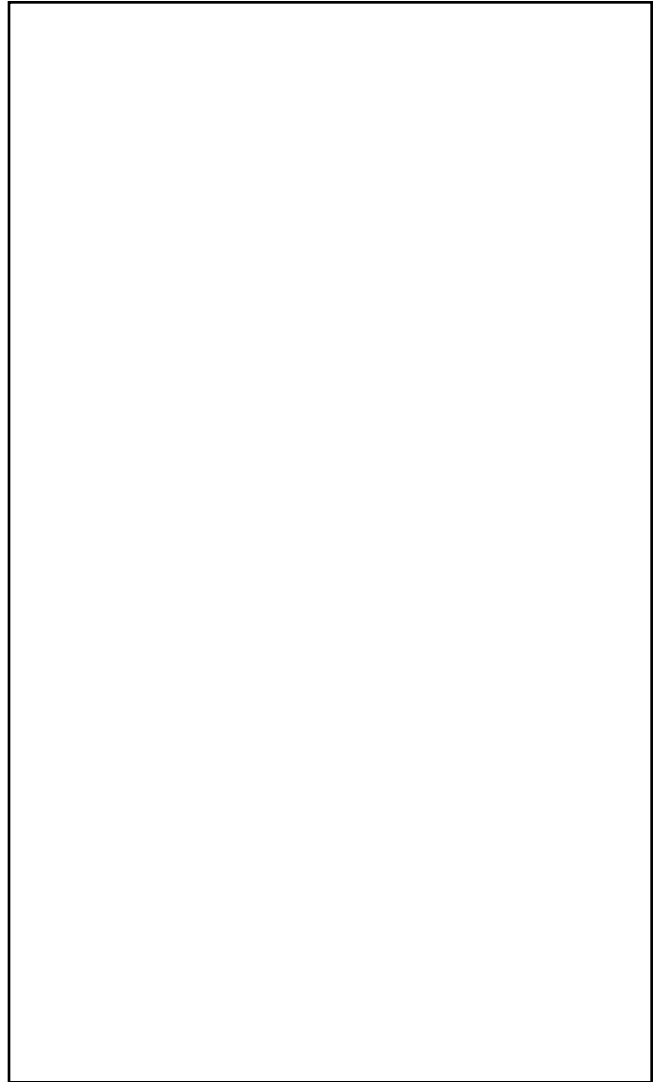
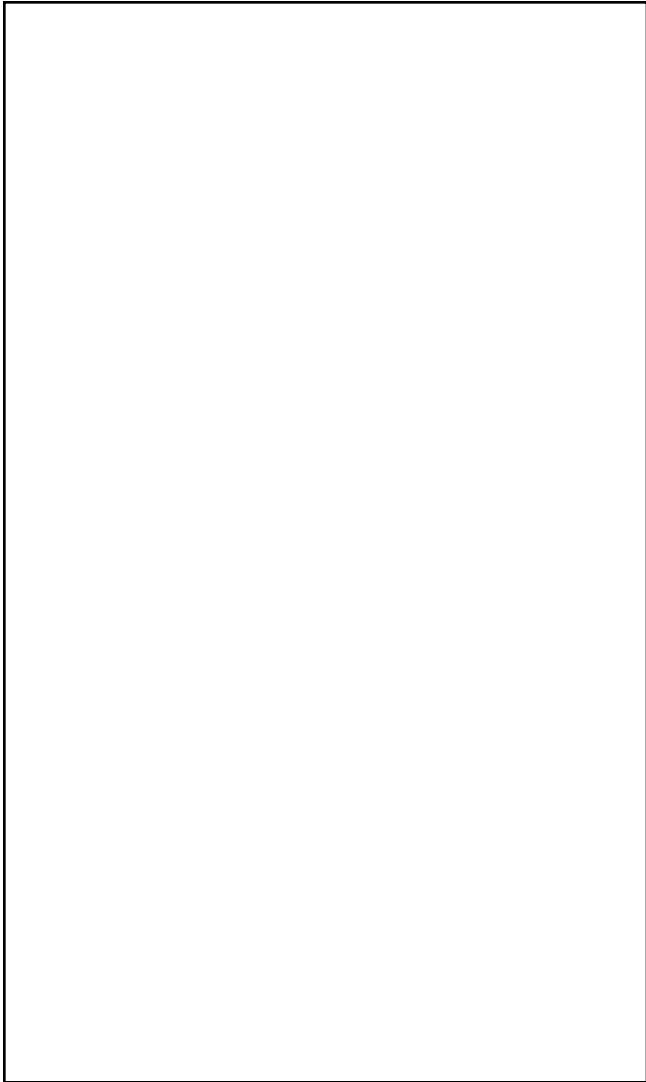
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# NATURAL

**Draw 2 natural objects you found.**



**Write the names of the natural objects.**

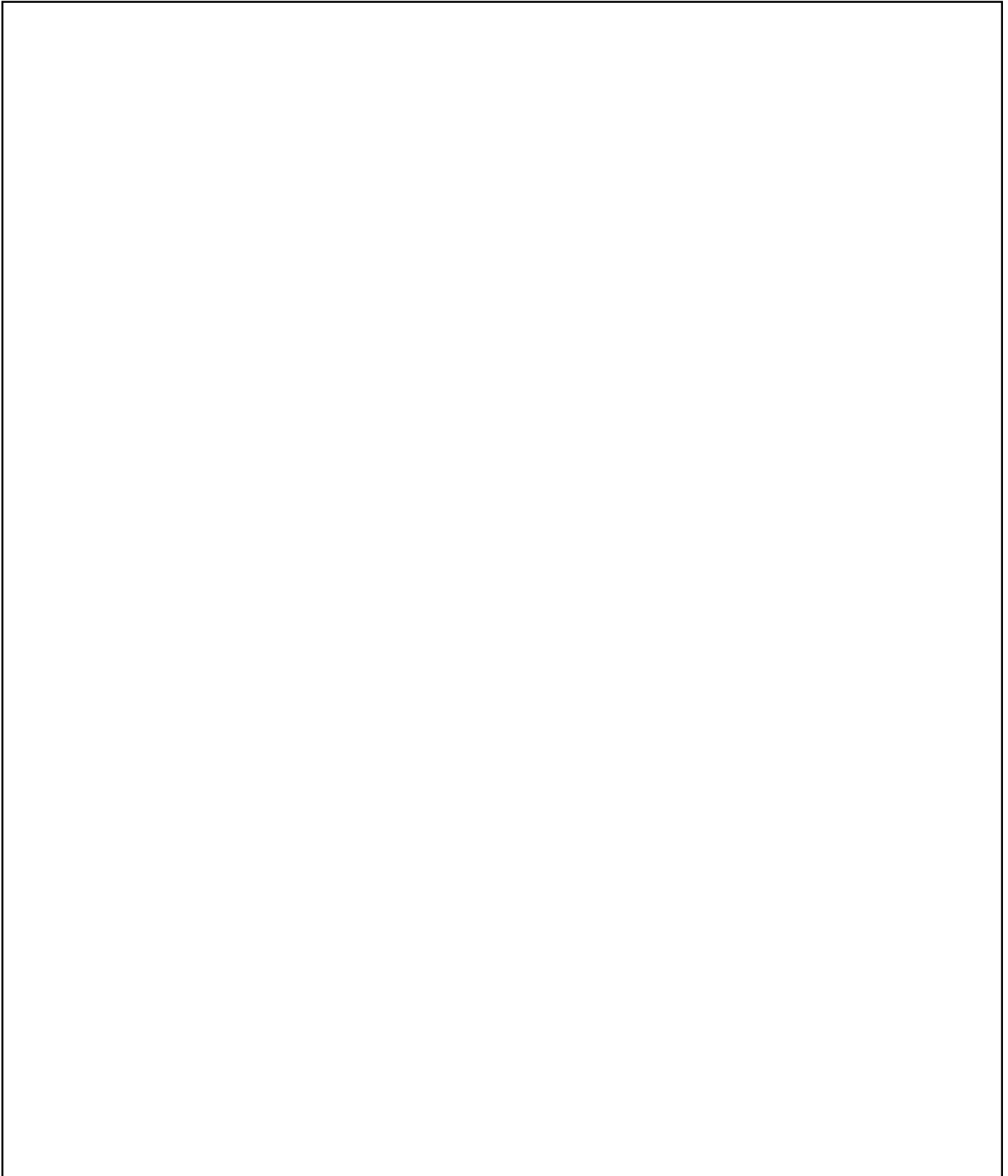
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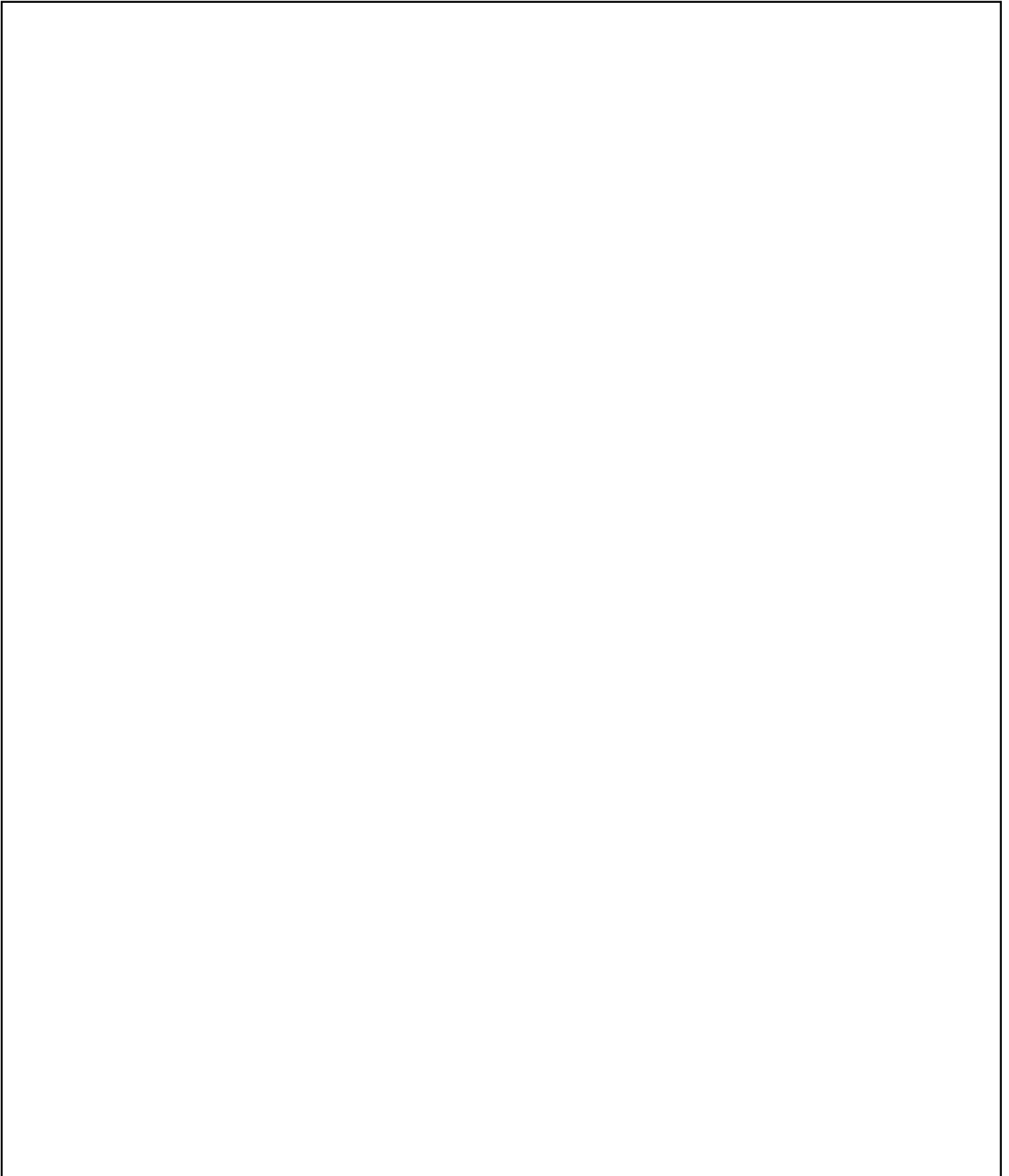
WHAT HAPPENS IN THE SUMMER?



**Summer Self-Portrait**

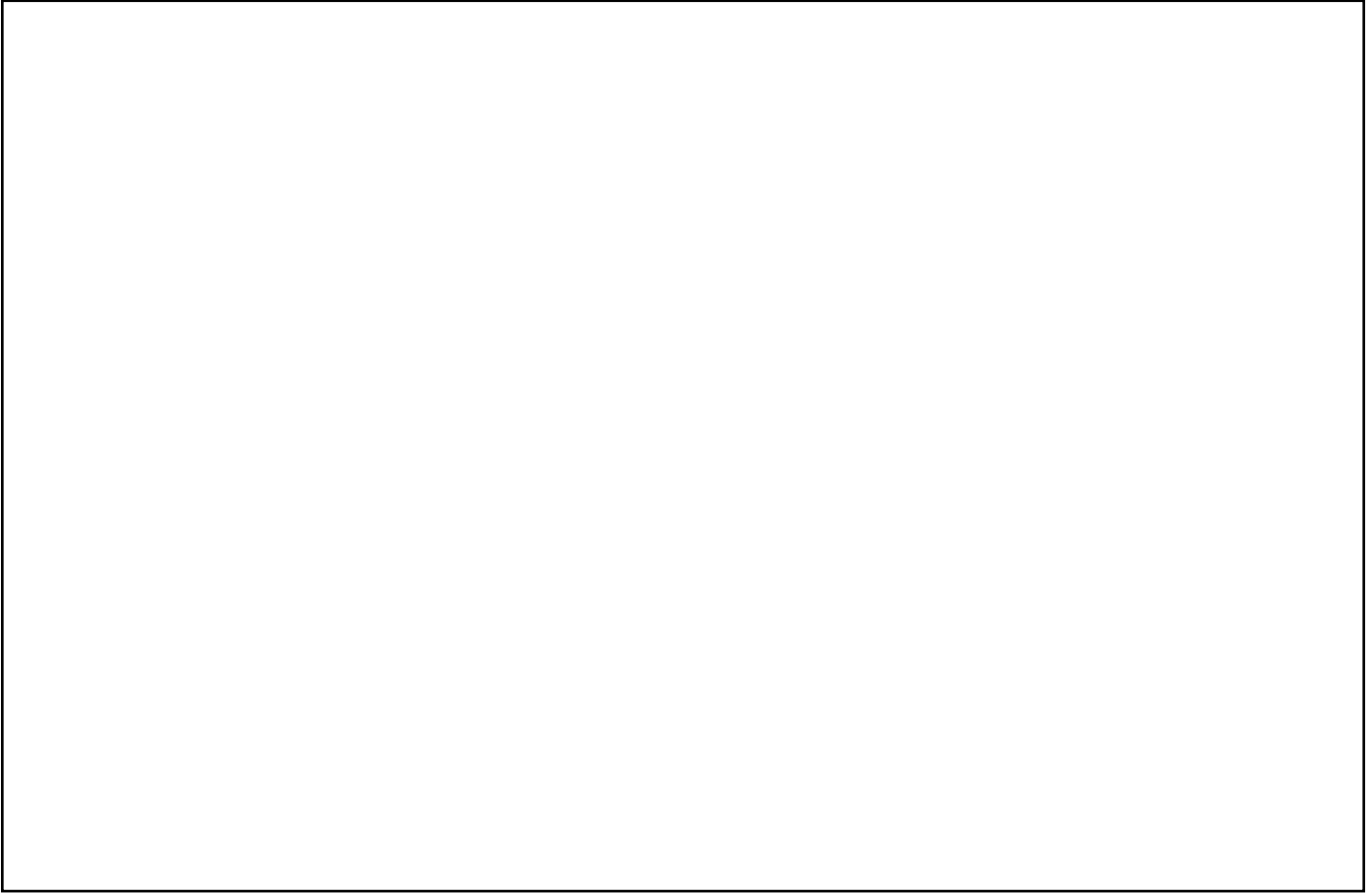


WHAT HAPPENS IN THE SUMMER?



**Summer Animal Portrait**

HOW STRONG IS THE WIND?



**Draw how your string looked in the wind.**

**Write a description of the wind.**

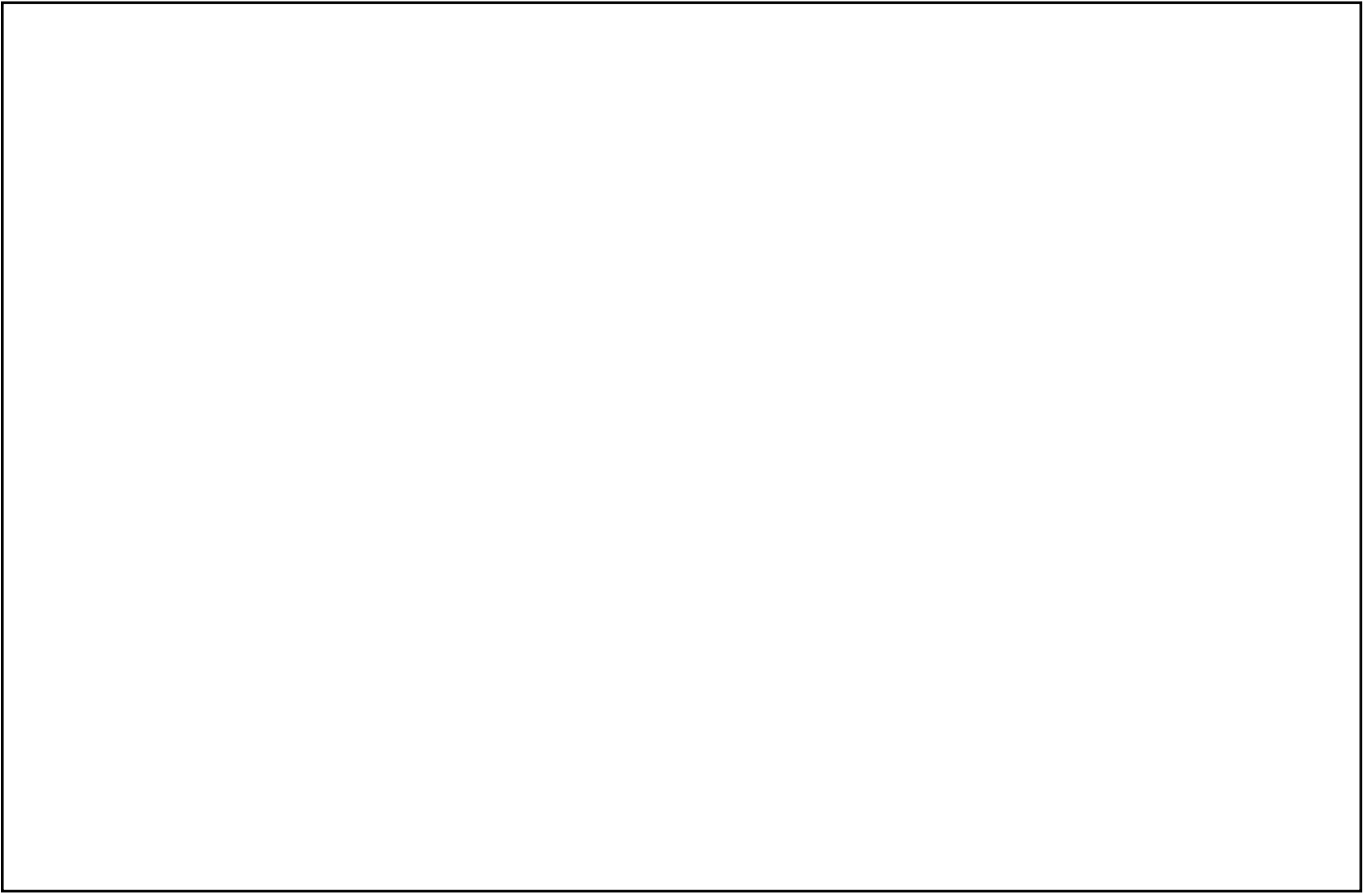
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# CLOUD WATCHING



**Draw how the clouds look.**

**Write a description of the clouds.**

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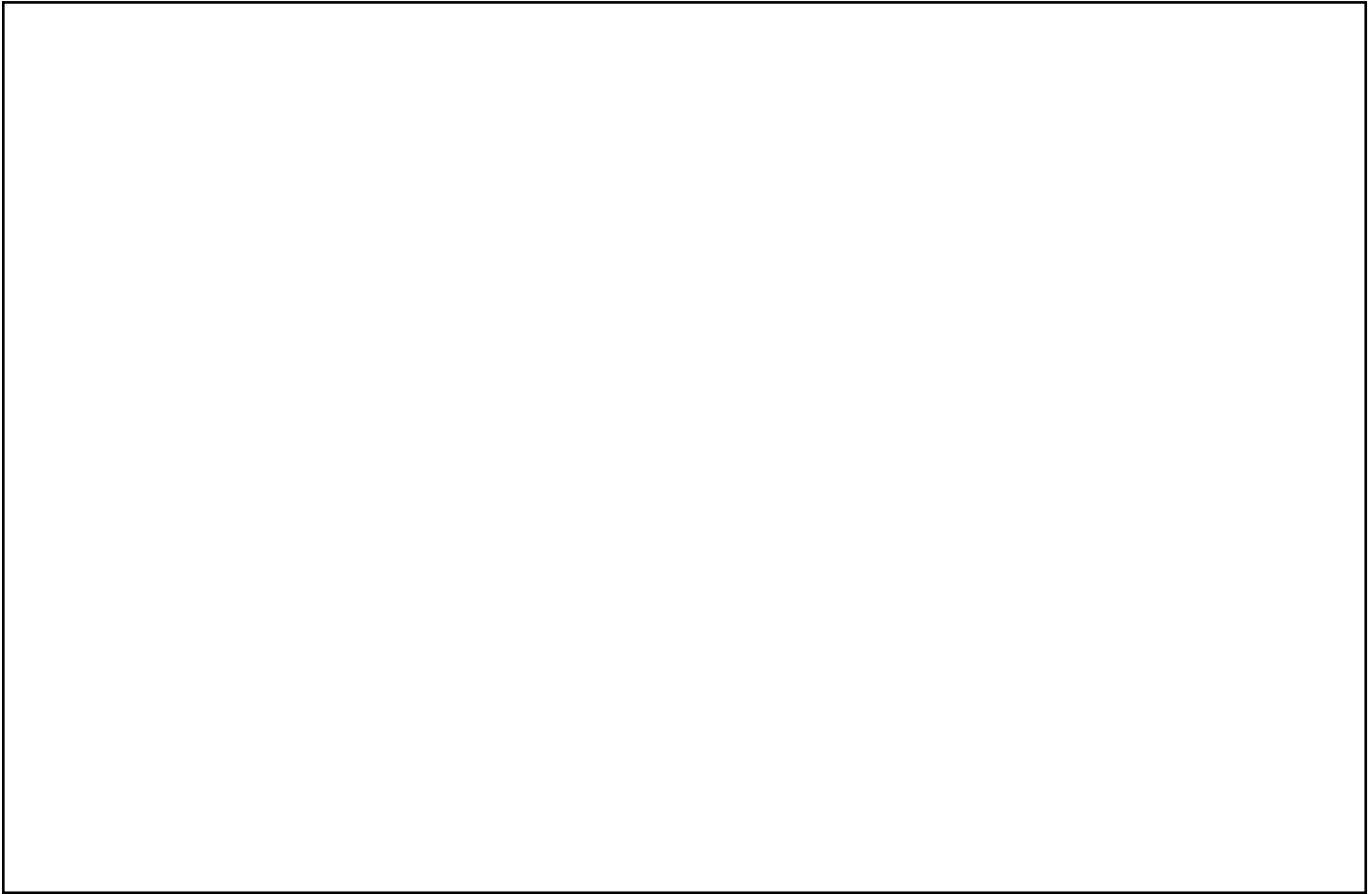
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# WEATHER OBSERVATION

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



**Draw the weather.**

**Describe the weather.**

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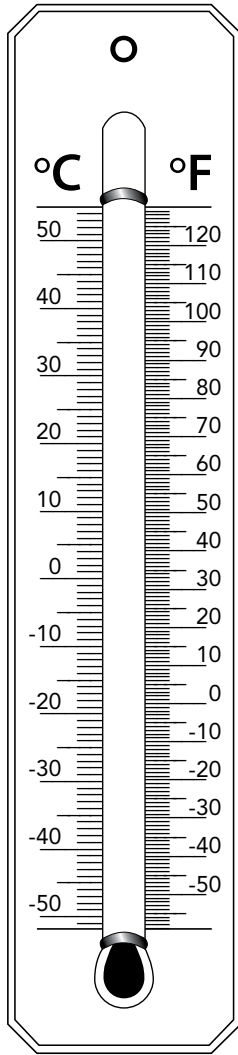
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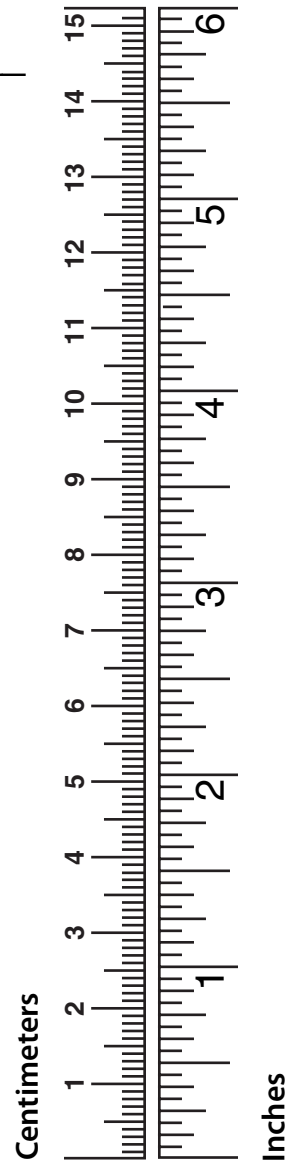
Record the temperature.

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Record the precipitation.

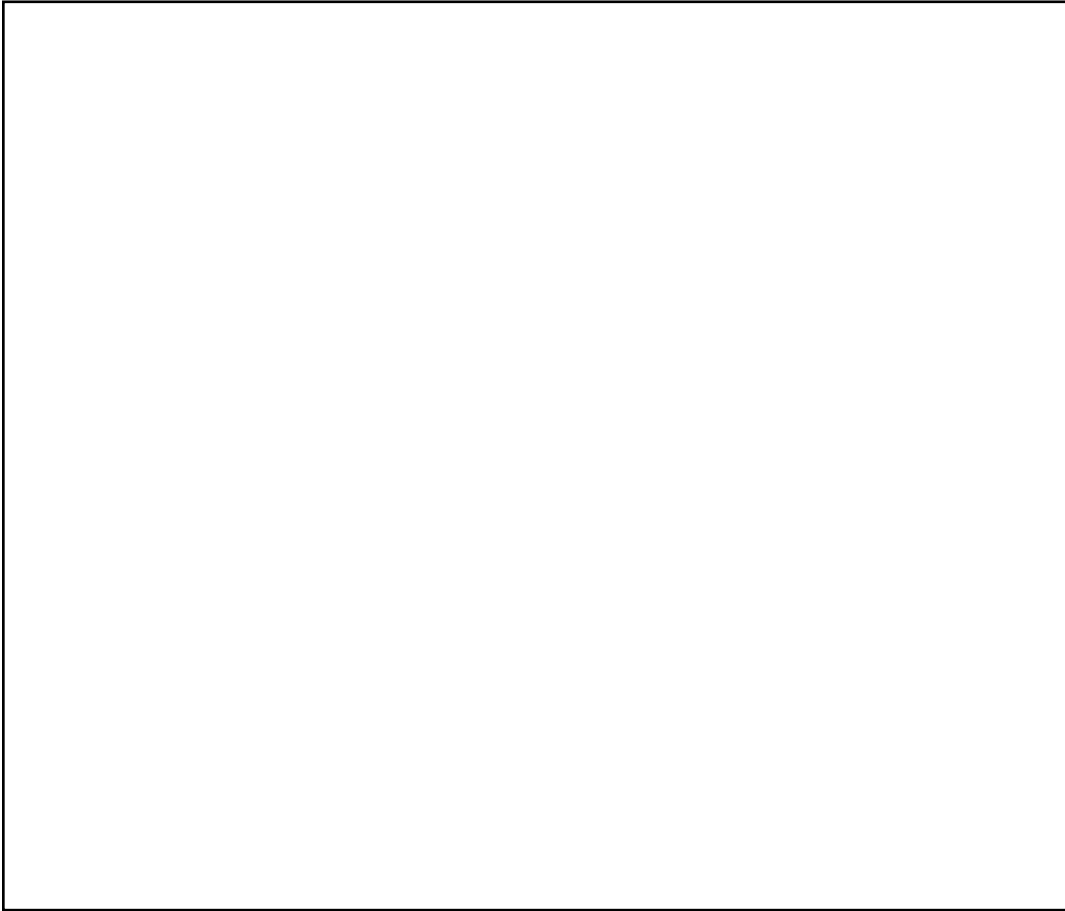
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Record the wind.

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# CATERPILLAR OBSERVATIONS



**Draw a picture of the caterpillar.**

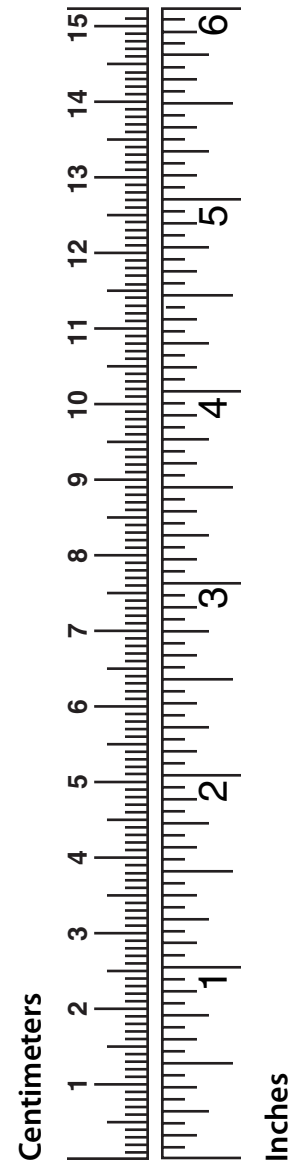
**What discoveries have you made?**

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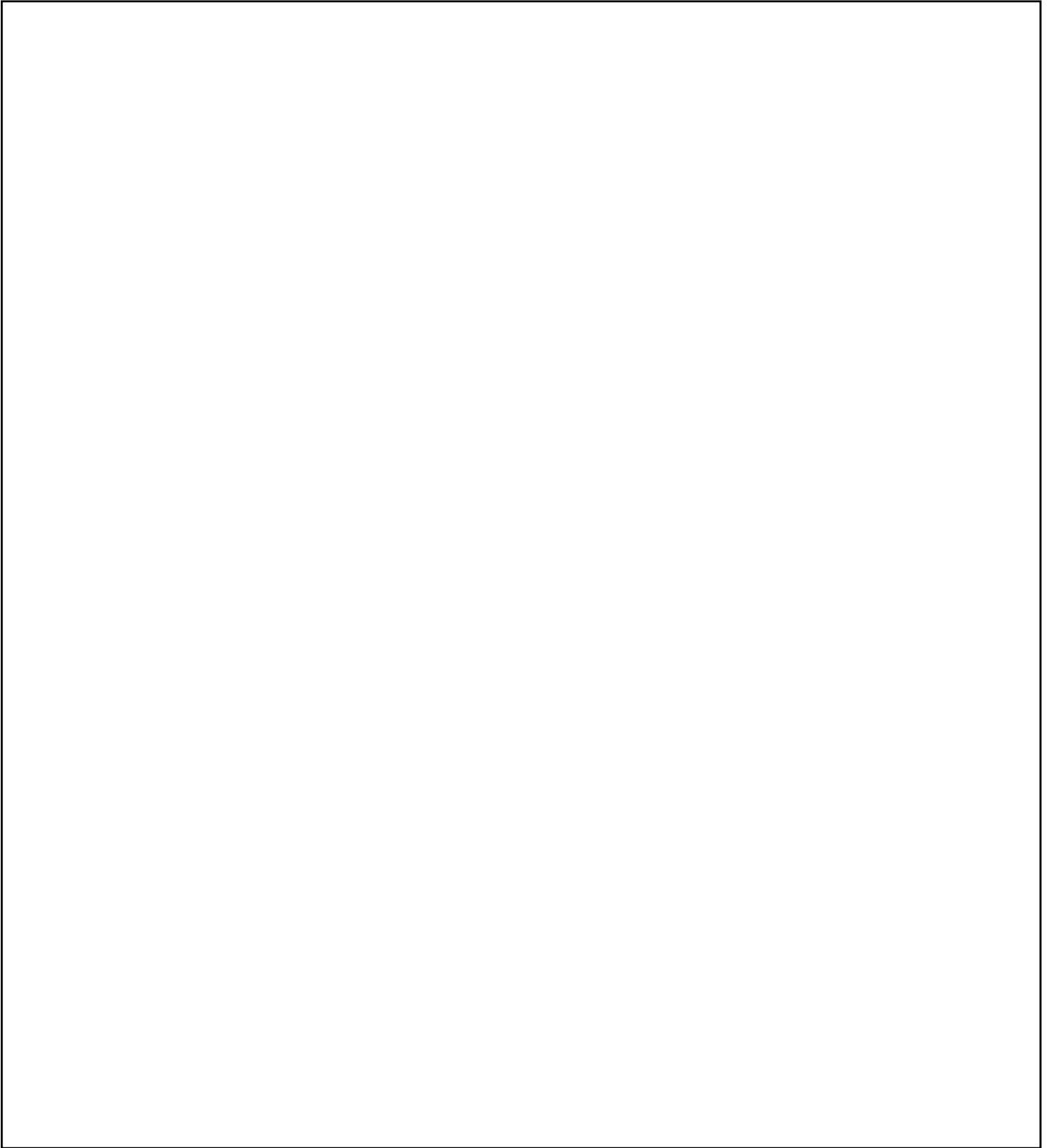
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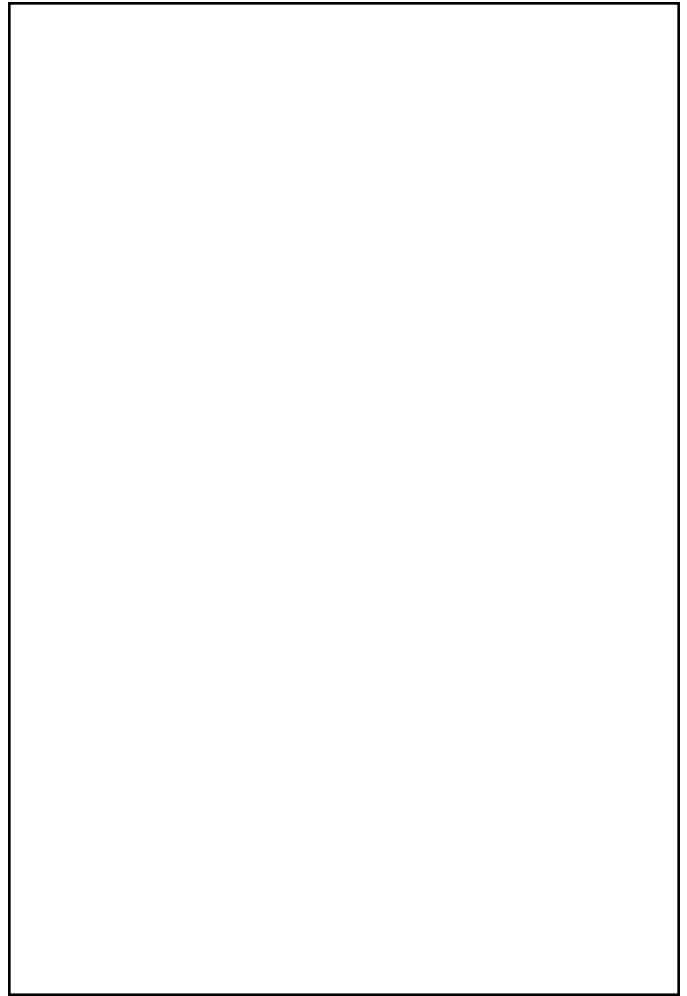
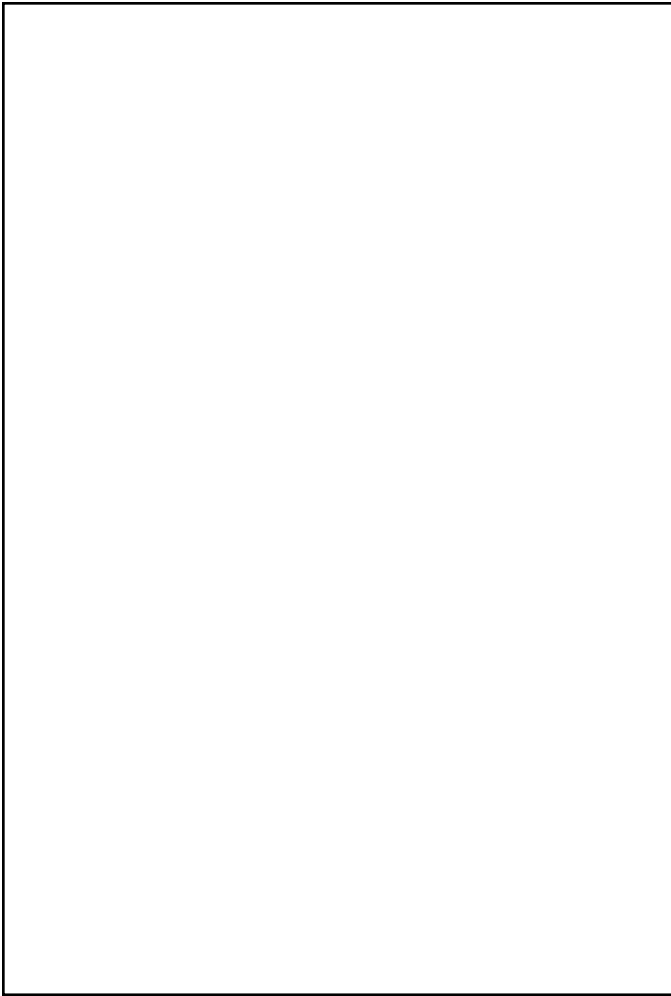
**How big is the caterpillar?**

# WILDFLOWER COLLECTION



**Draw a wildflower and label the roots (if you can see them), stem, leaves, flower and seeds (if you can see them).**

# PLANTS



**Draw 2 plants that you found.**

**How do you know each is a plant?**

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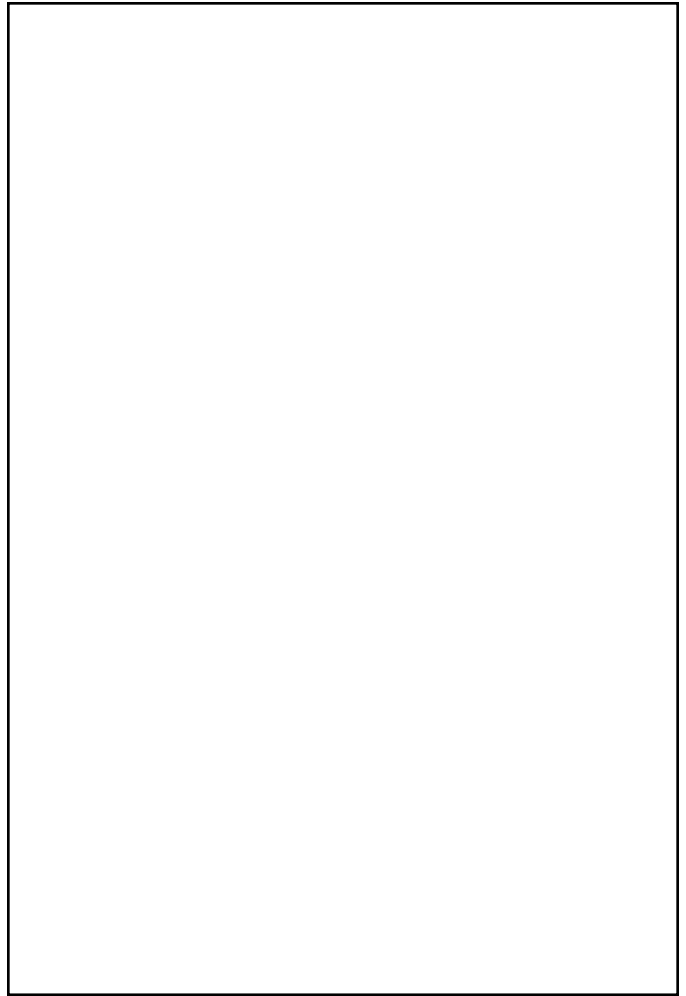
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# ANIMALS



**Draw 2 animals that you found.**

**How do you know each is an animal?**

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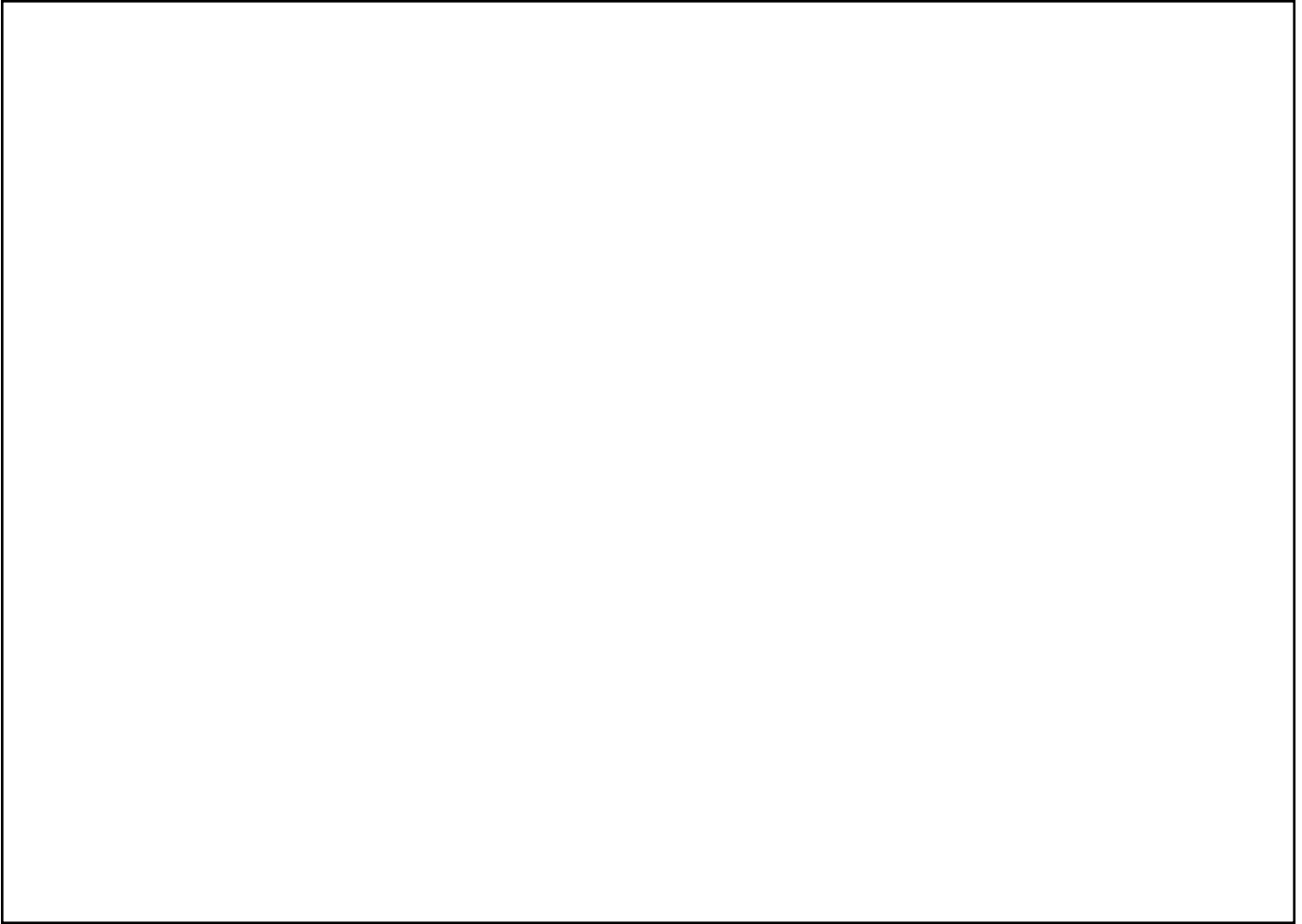
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# LEAF PORTRAITS



**Draw your leaf.**

**Describe your leaf using science words.**

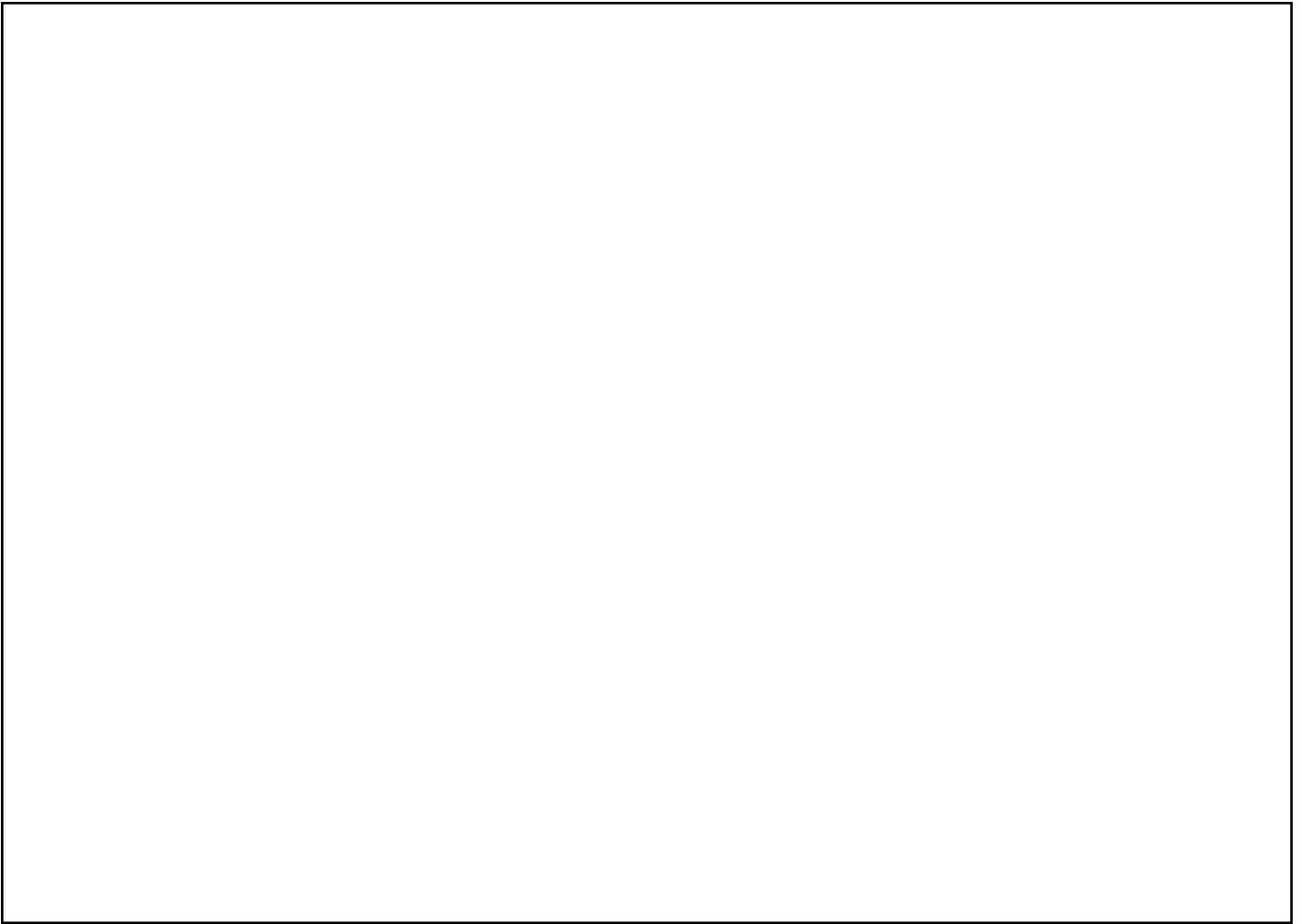
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HANG ON!



**Record your hypothesis.**

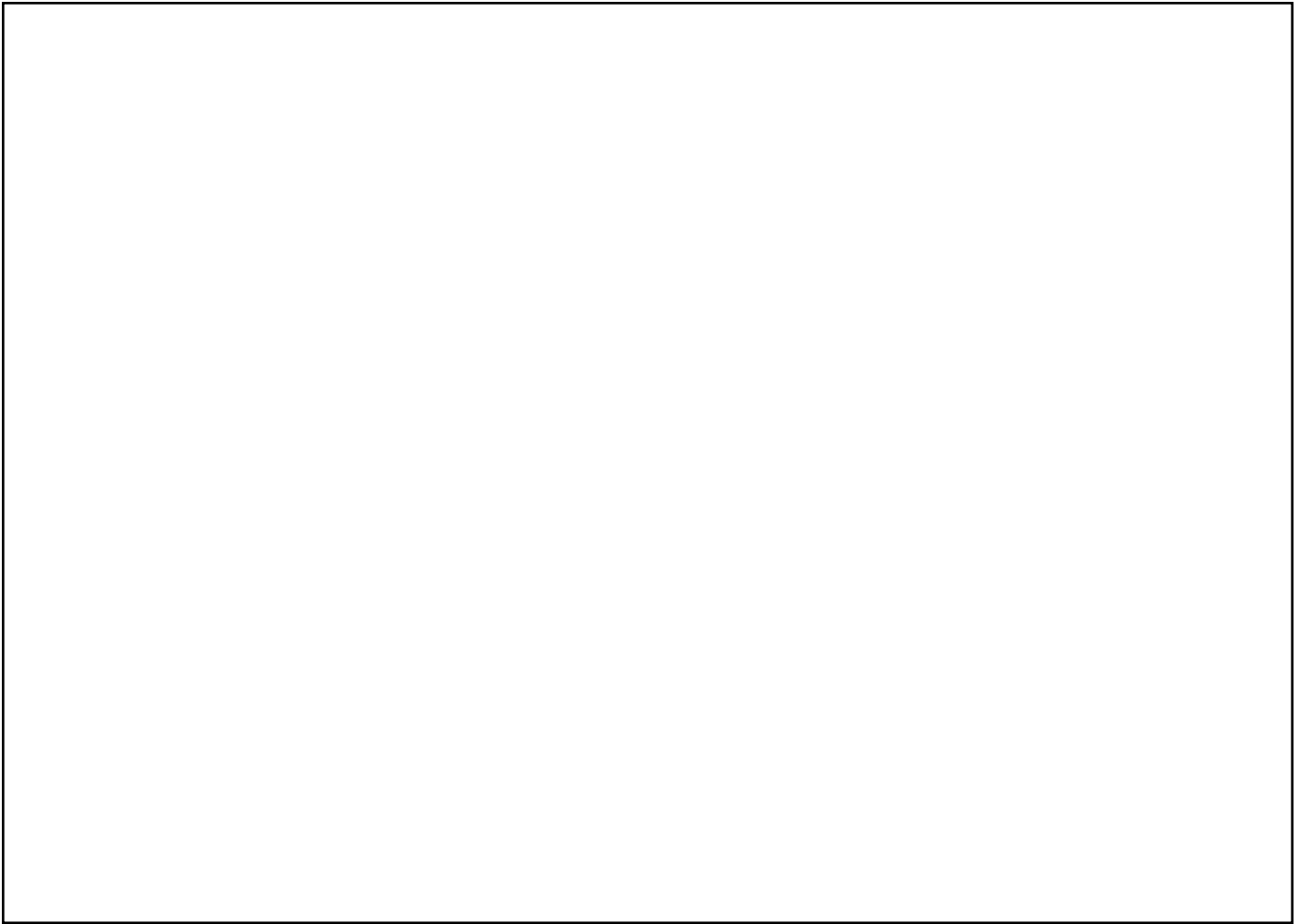
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HANG ON!



**Record the results of the experiment.**

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# DO TREES GET DRINKS EXPERIMENT RECORDING SHEET

**Record each person's job in your group:**

**Celery Preparer** \_\_\_\_\_

**Water Preparer** \_\_\_\_\_

**Recorder** \_\_\_\_\_

**Draw your group's prediction.**

**Write your group's prediction.**

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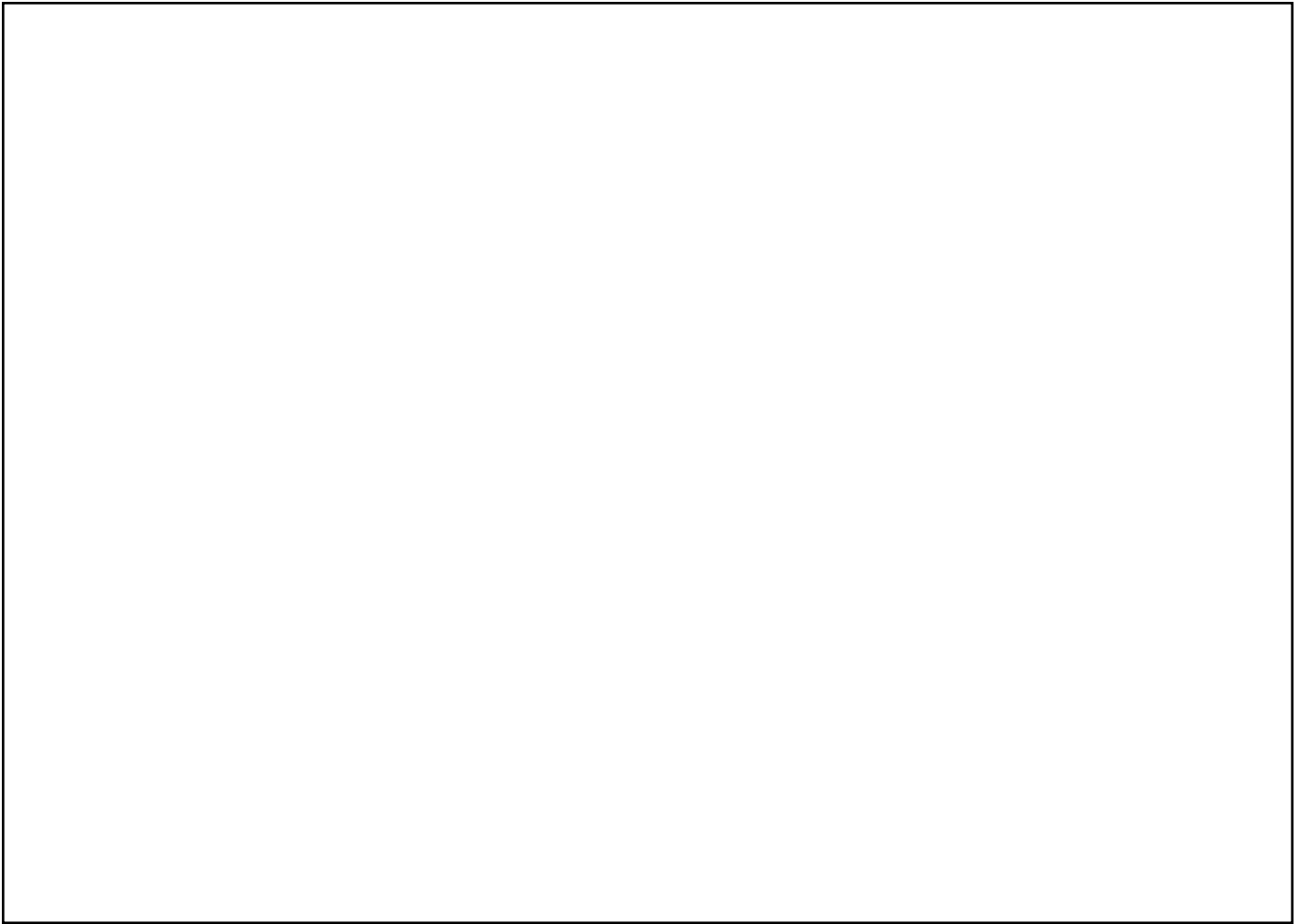
# WHAT HAPPENED?

1 <sup>st</sup> Observation	2 <sup>nd</sup> Observation	3 <sup>rd</sup> Observation	4 <sup>th</sup> Observation
<hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/>

# WHAT HAPPENED?

5 <sup>th</sup> Observation	6 <sup>th</sup> Observation	7 <sup>th</sup> Observation	8 <sup>th</sup> Observation
<hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/>

# SEED DRAWINGS



**Draw your seed.**

**How is your seed dispersed?**

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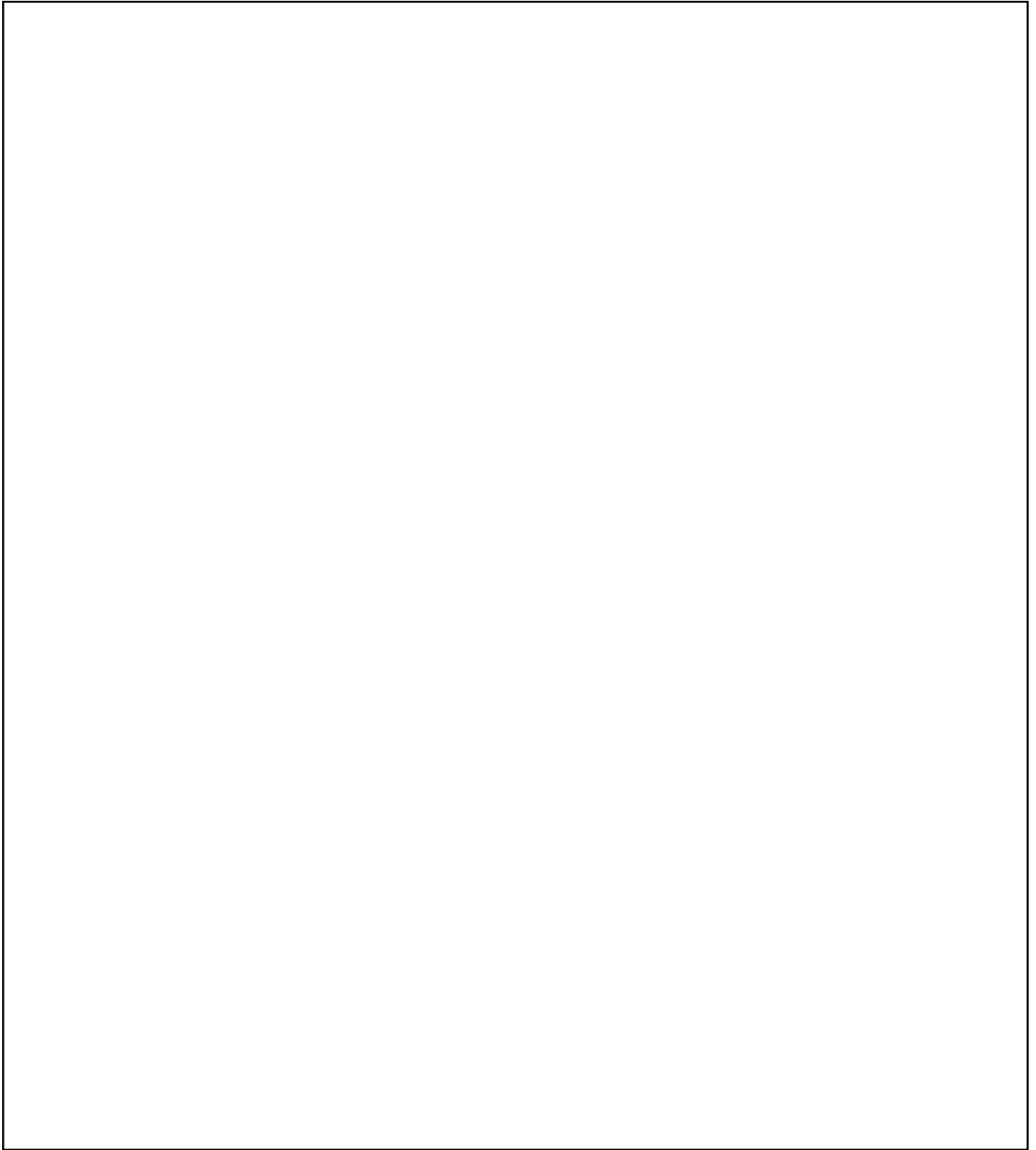
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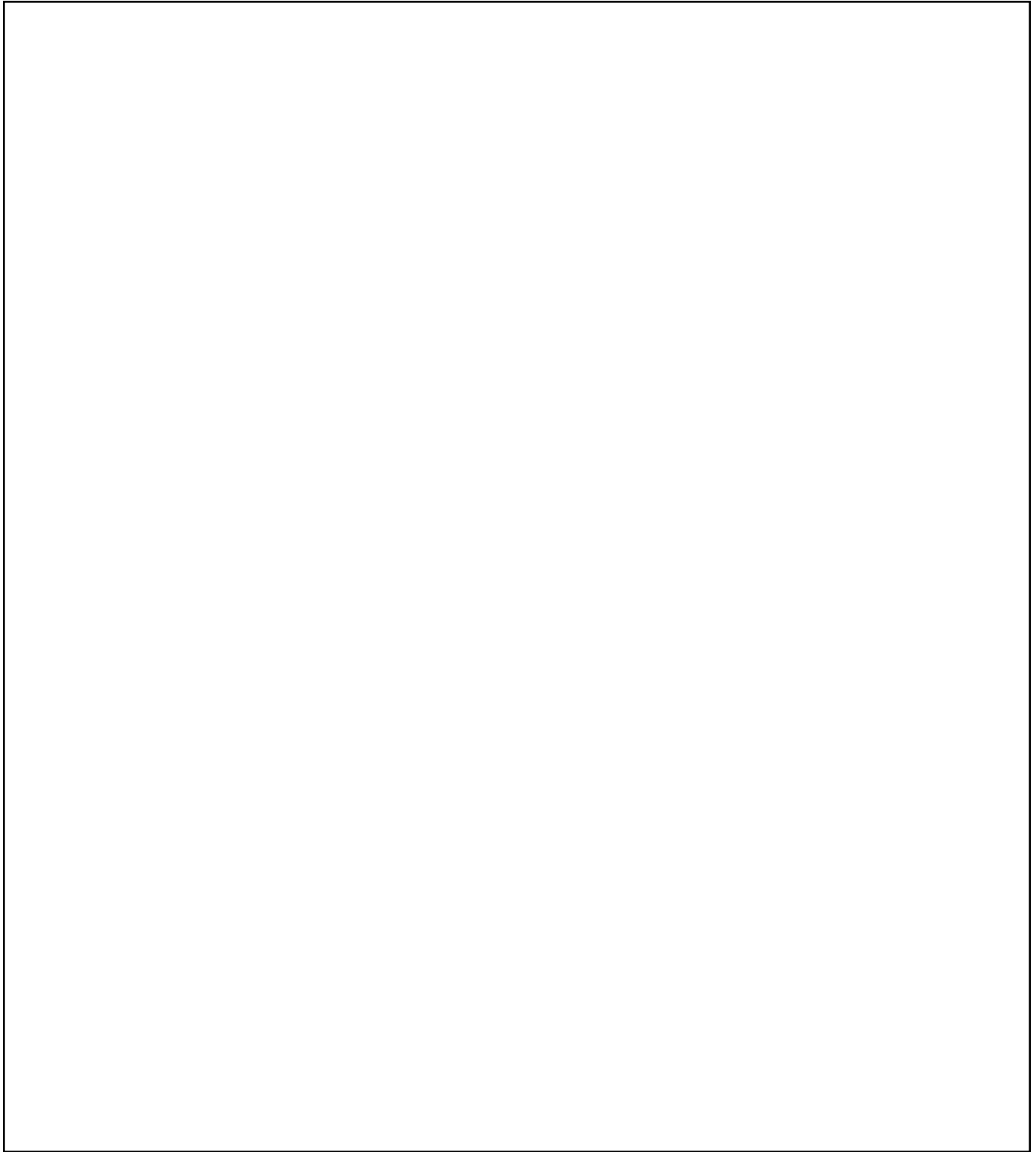


WHAT HAPPENS IN THE FALL?



**Fall Self-Portrait**

WHAT HAPPENS IN THE FALL?



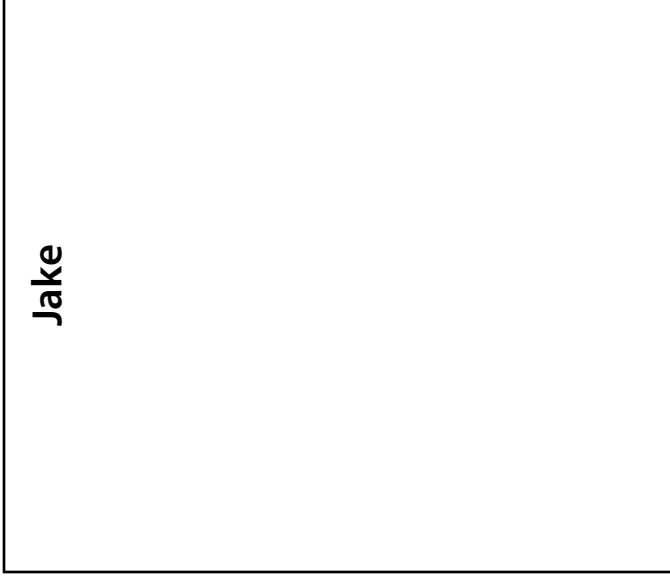
**Fall Animal Portrait**

# TURKEY PRINTS

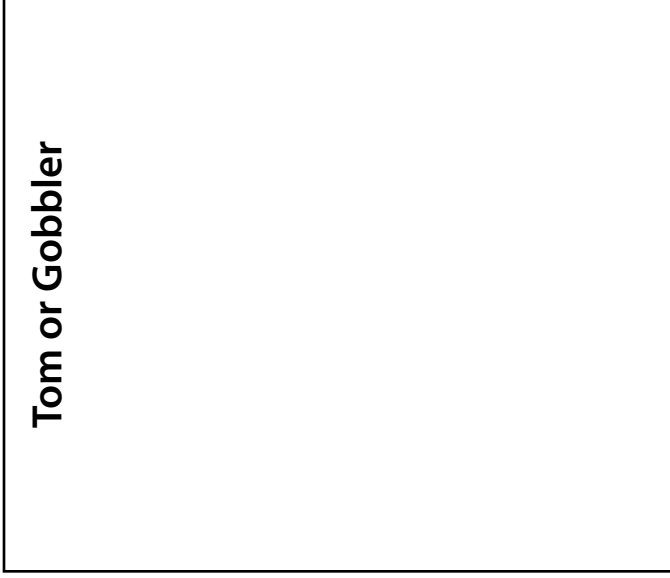
Hen



Jake



Tom or Gobbler



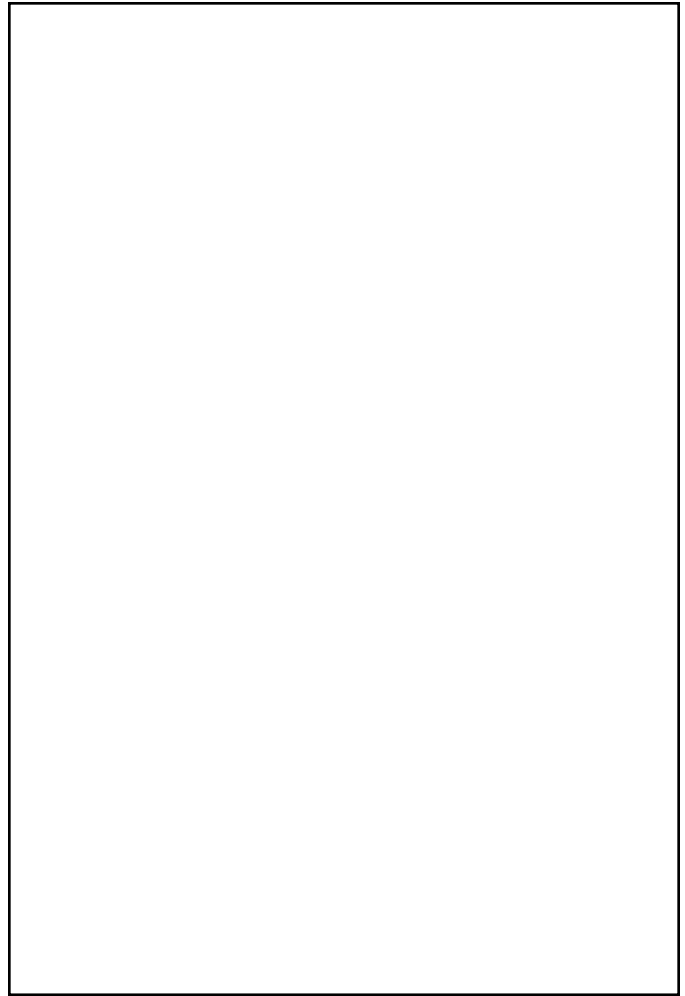
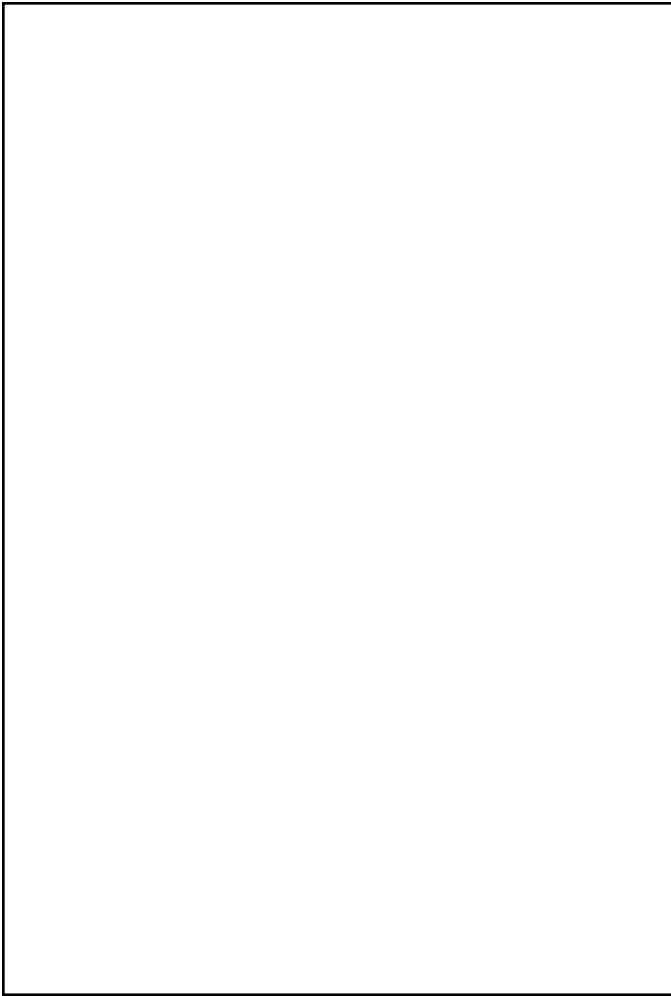
**How do the turkey's feet help it survive?**

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# PLANTS IN WINTER



**Draw 2 plants that you found.**

**How have these plants changed since fall?**

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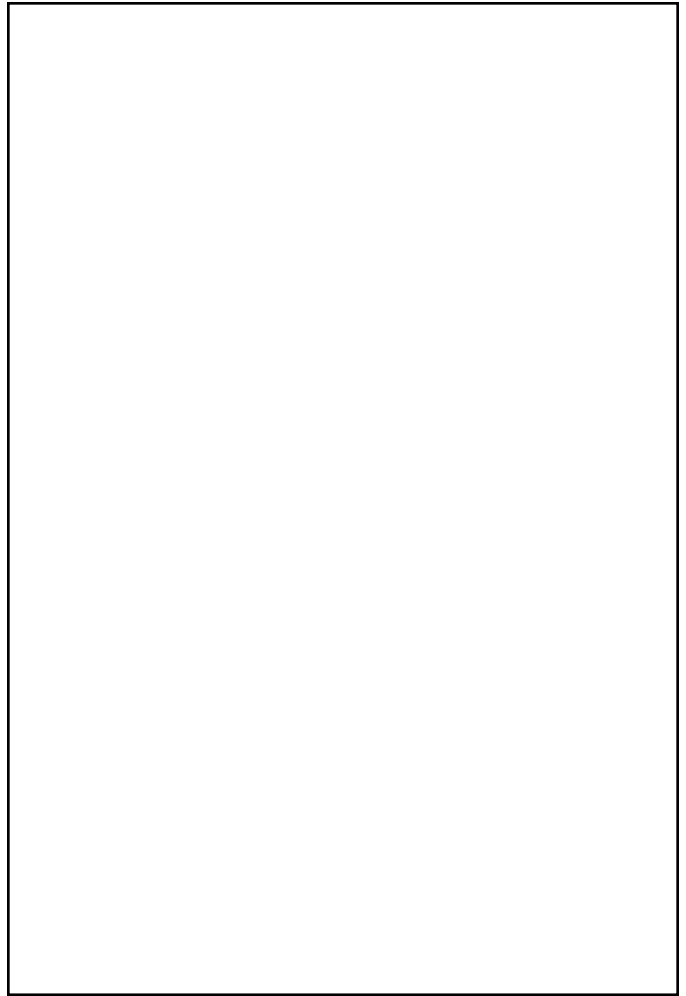
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# ANIMALS IN WINTER



**Draw 2 animals that you found.**

**How have these animals changed since fall?**

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# WHAT IS SNOW?

**Write your group's hypothesis.**

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**Draw and write how your group will test your hypothesis.**

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**Make a list of supplies your group needs to test the hypothesis.**

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**What were the results of your group's investigation?**

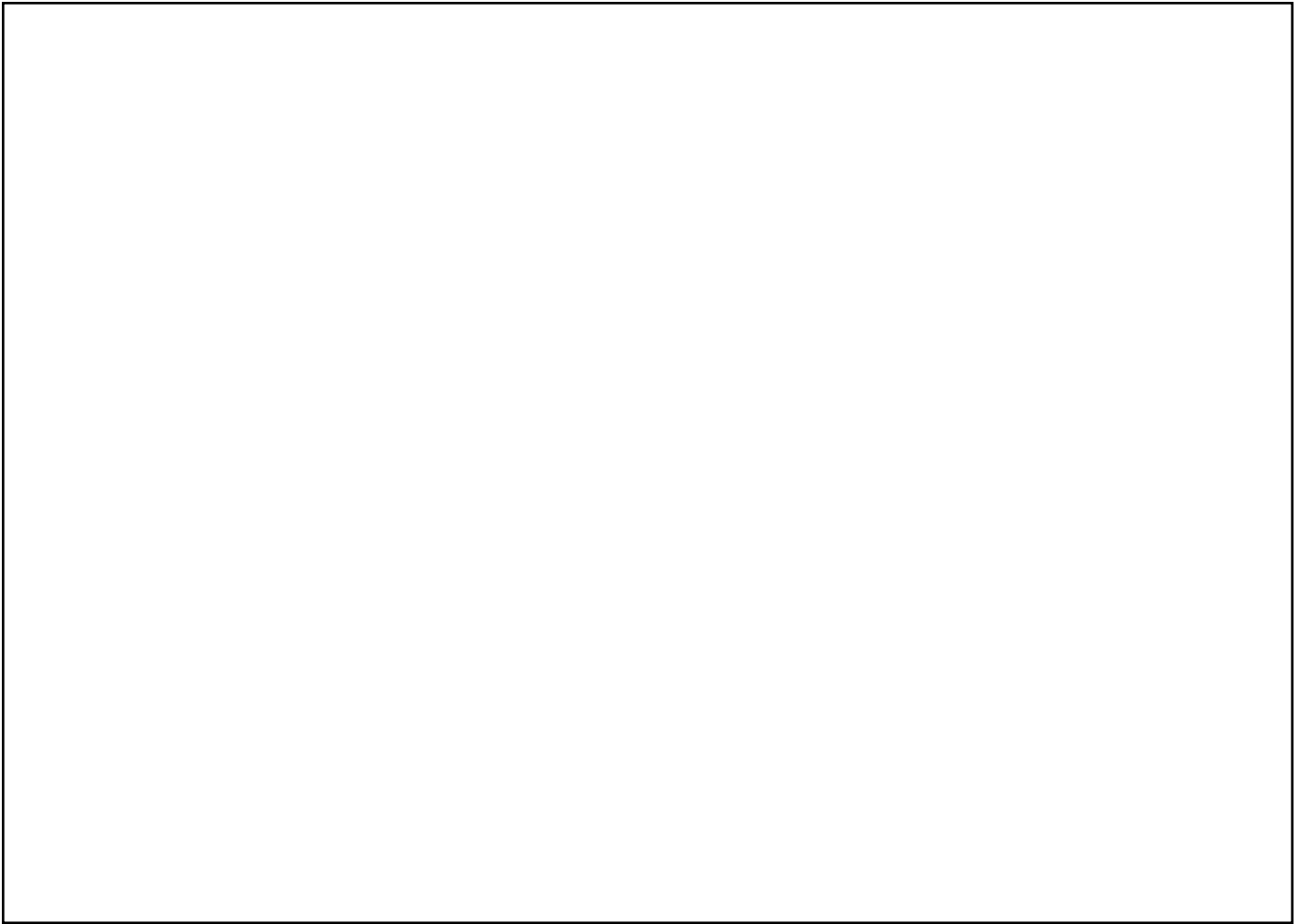
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# SNOWFLAKE PORTRAITS



**Draw your snowflake.**

**Describe how it sounded, smelled and looked outside.**

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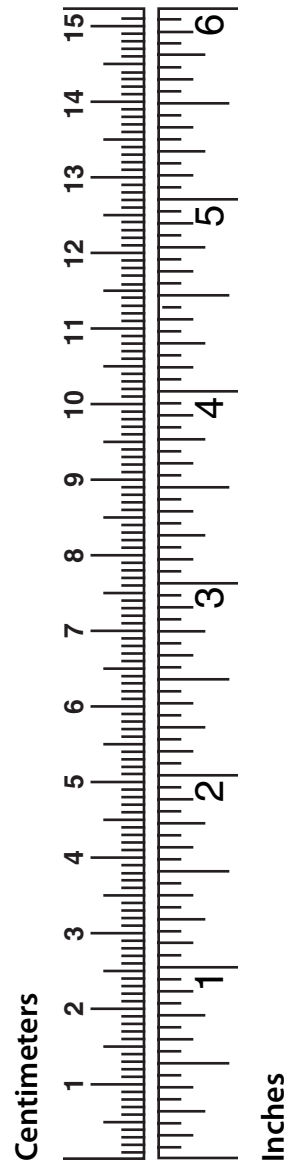
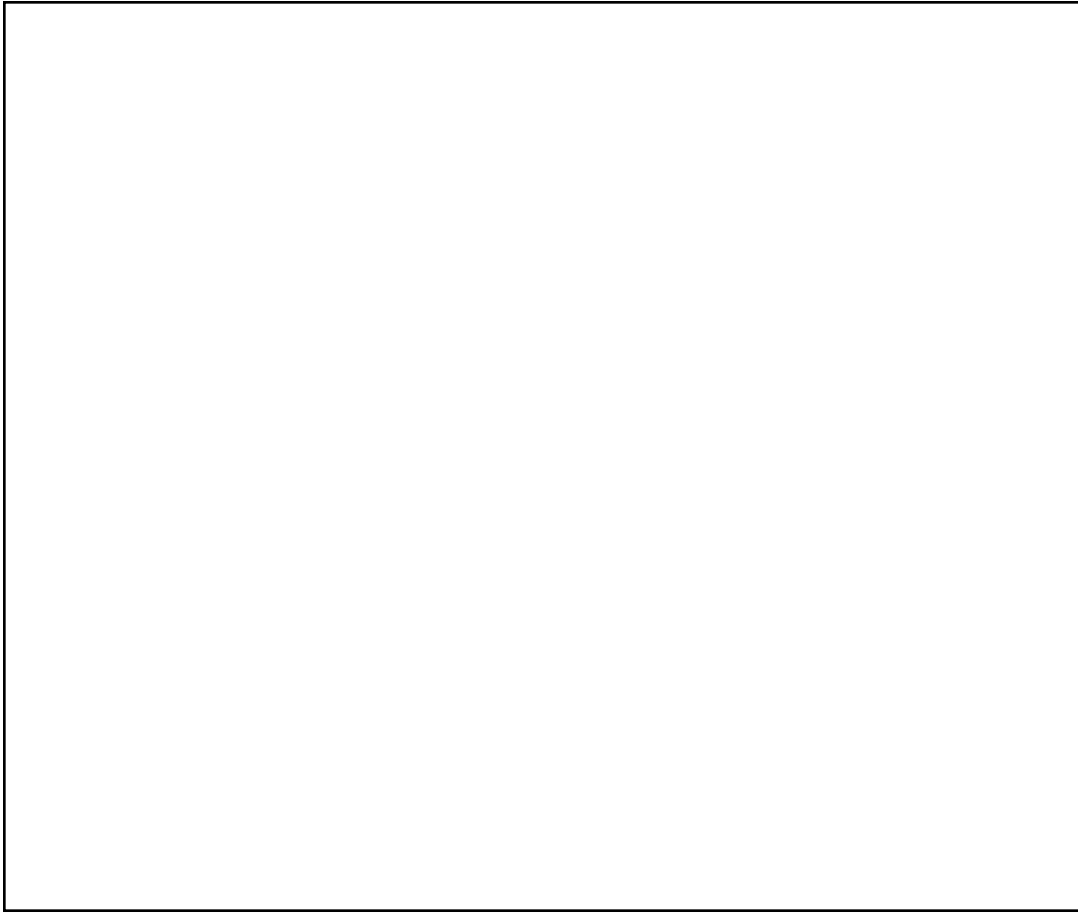
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HOW DEEP IS THE SNOW?



Where was this measurement taken?

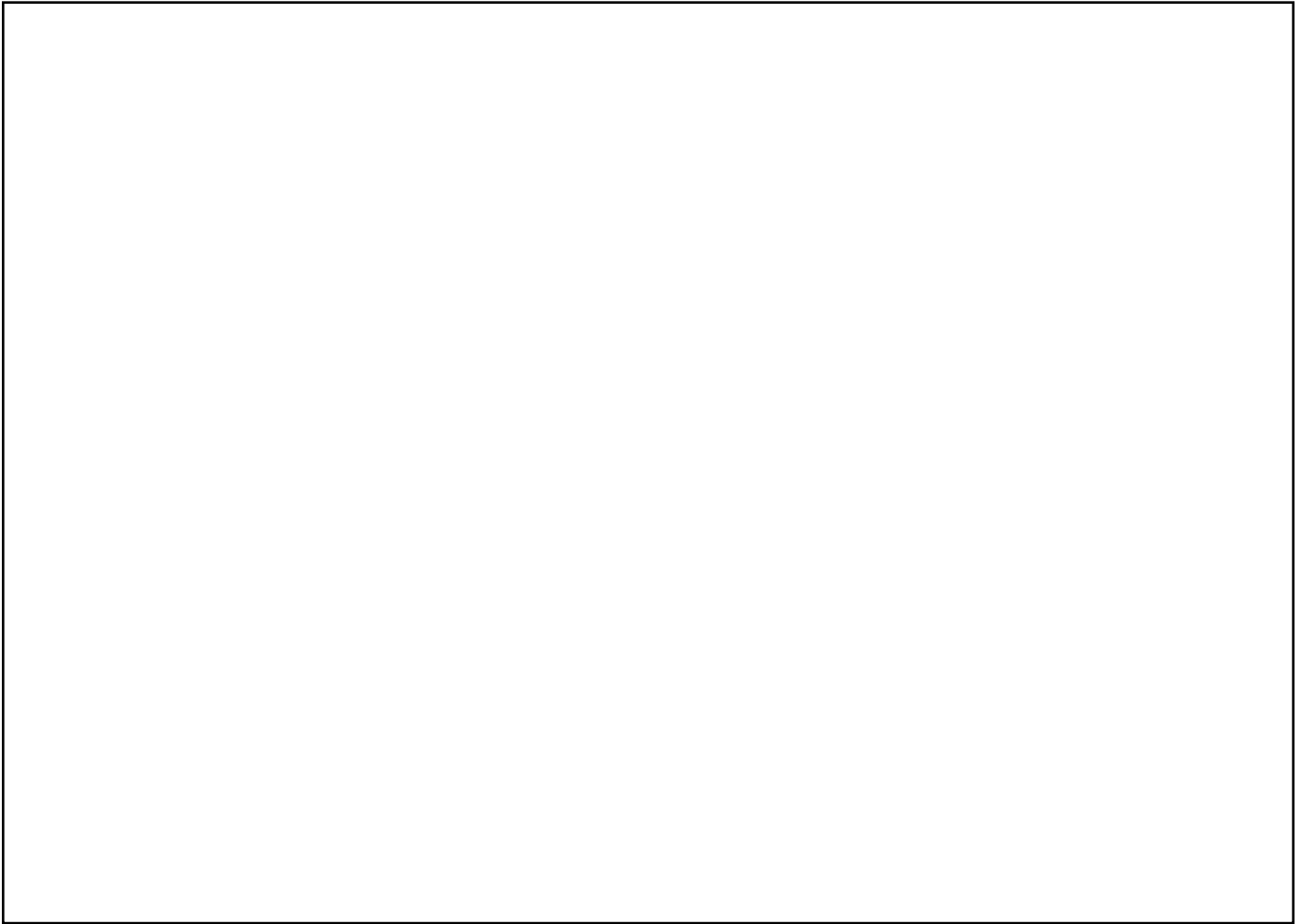
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# PEOPLE IN WINTER



**Draw a self-portrait of something you like to do in the winter.**

**Describe your self-portrait.**

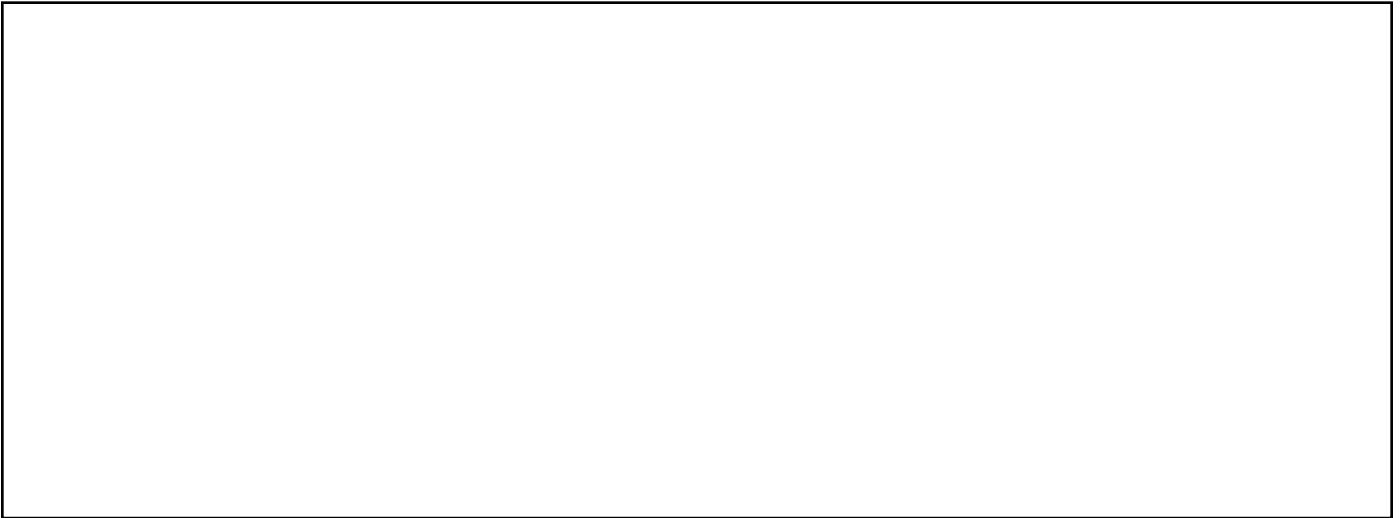
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# FEATHER EXPLORATION



**Draw your feather.**

**What did you discover about feathers?**

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**What more do you want to know about feathers?**

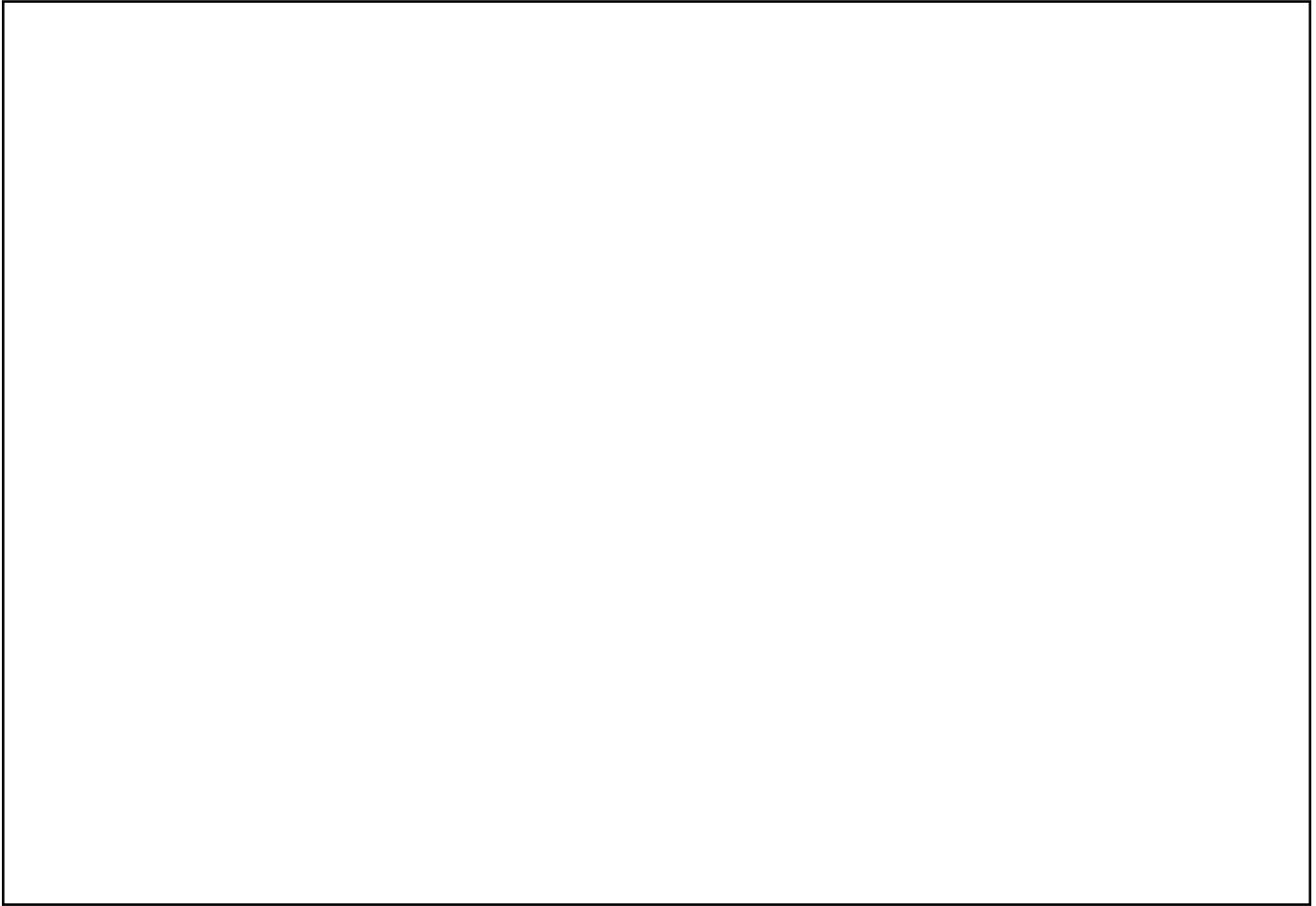
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# WHAT HAPPENS IN THE SPRING?



## **Spring Self-Portrait**

**What do you do differently in the spring than during the summer, fall and winter?**

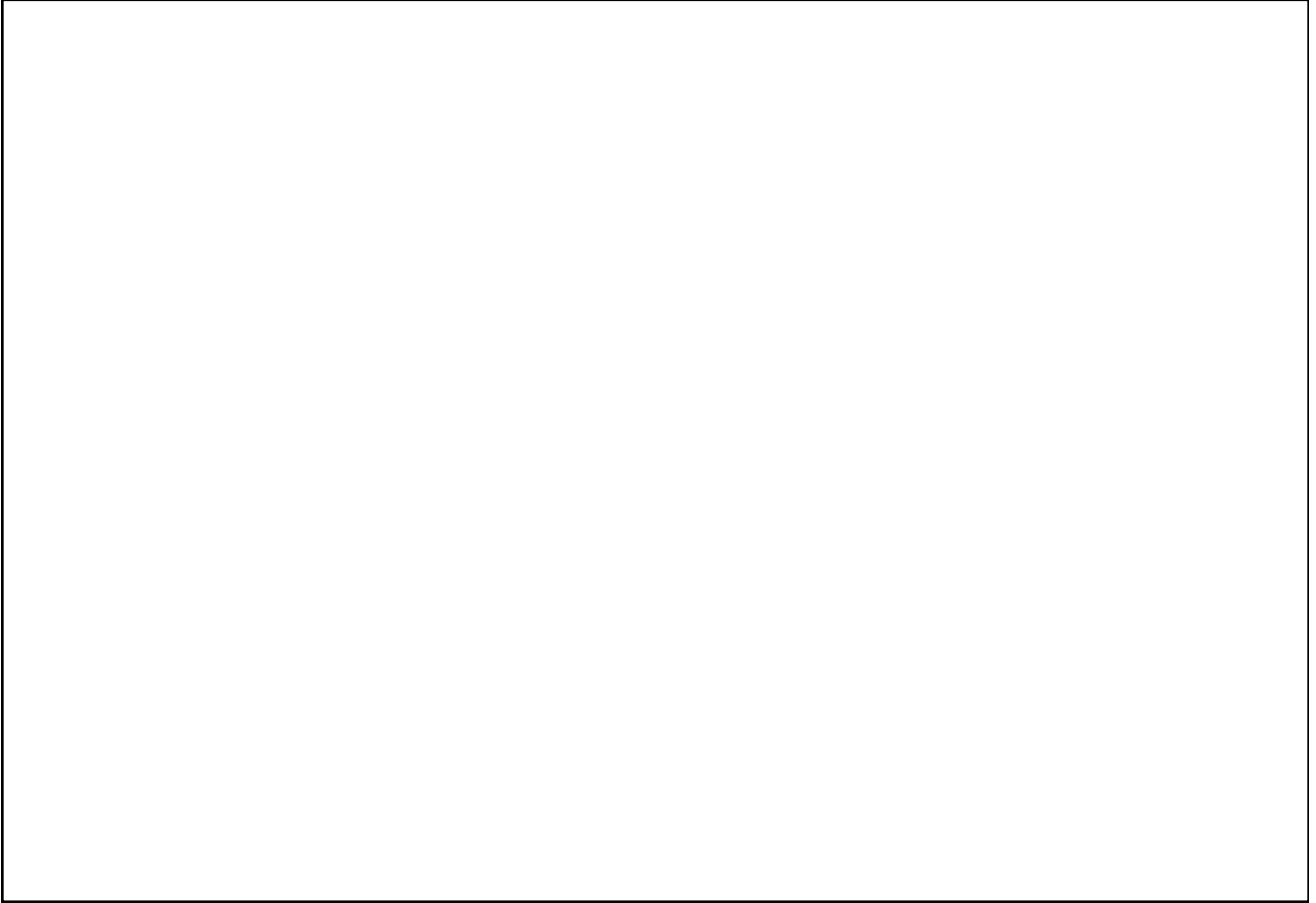
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WHAT HAPPENS IN THE SPRING?



**Spring Plant Portrait**

**How did your plant change from winter to spring?**

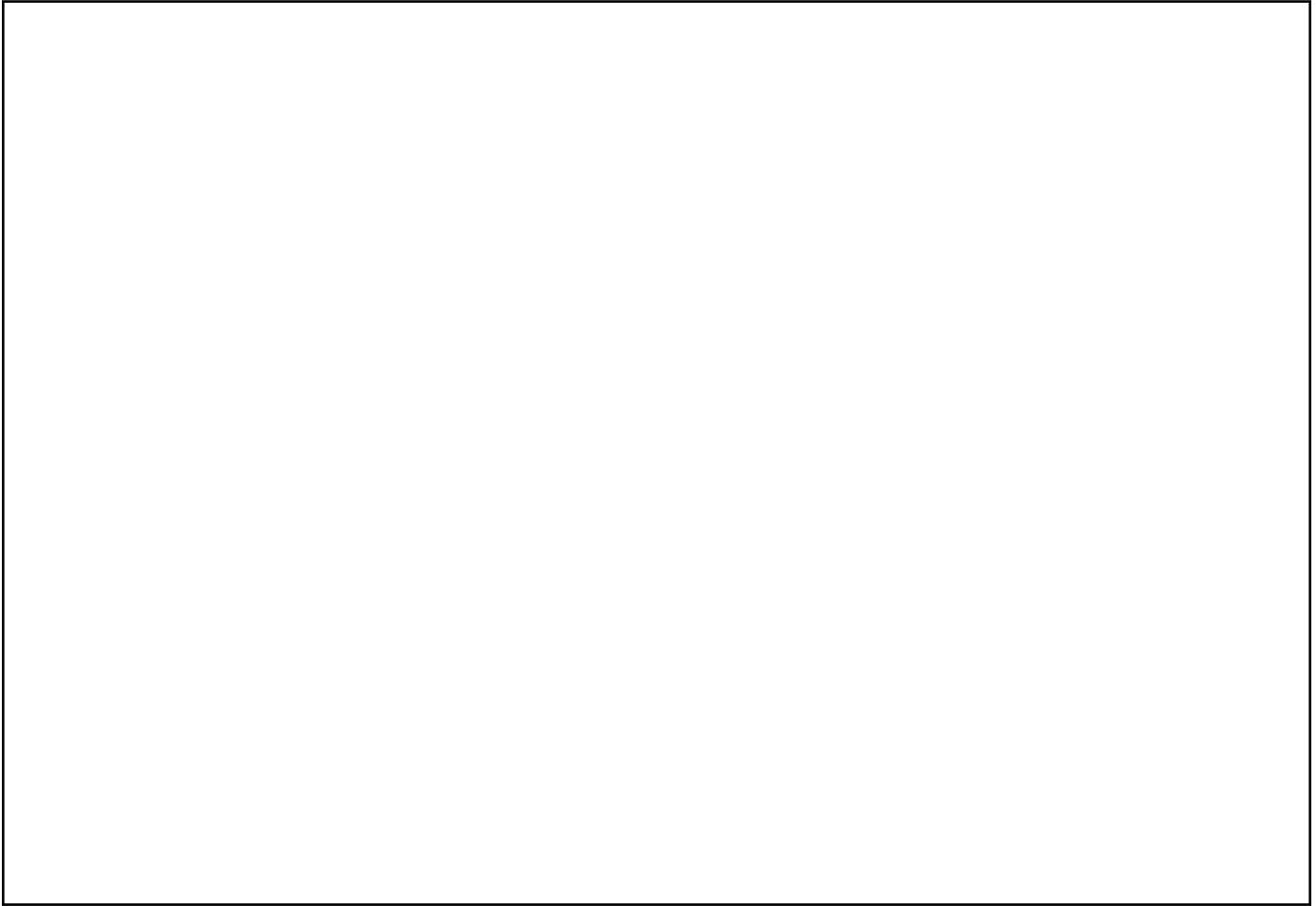
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WHAT HAPPENS IN THE SPRING?



**Spring Animal Portrait**

**Write about how your animal's behavior changed with the change in weather from winter to spring.**

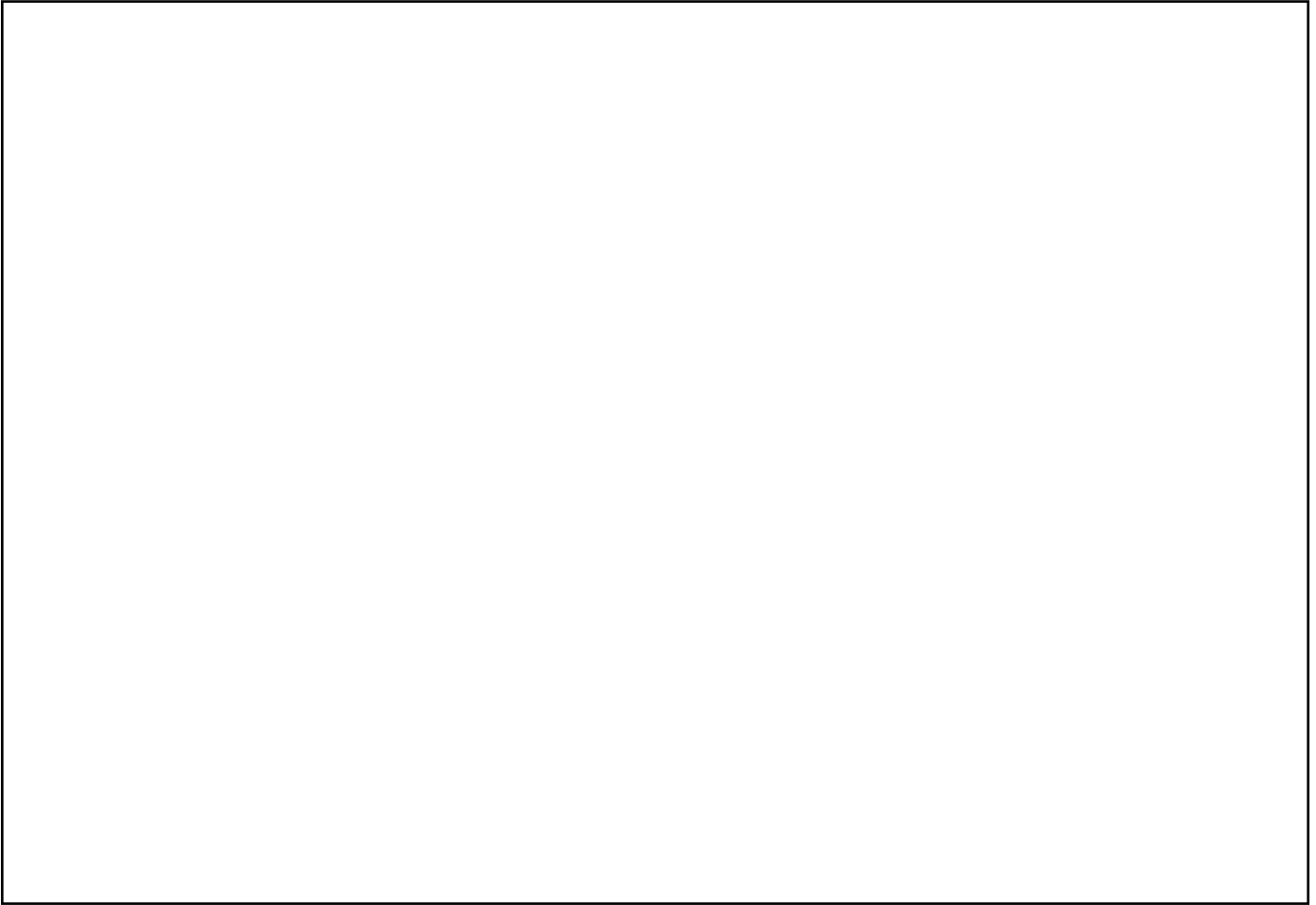
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# WHERE DO ANIMALS GO WHEN IT RAINS?



**Draw your animal in the rain.**

**Where might this animal go in the rain?**

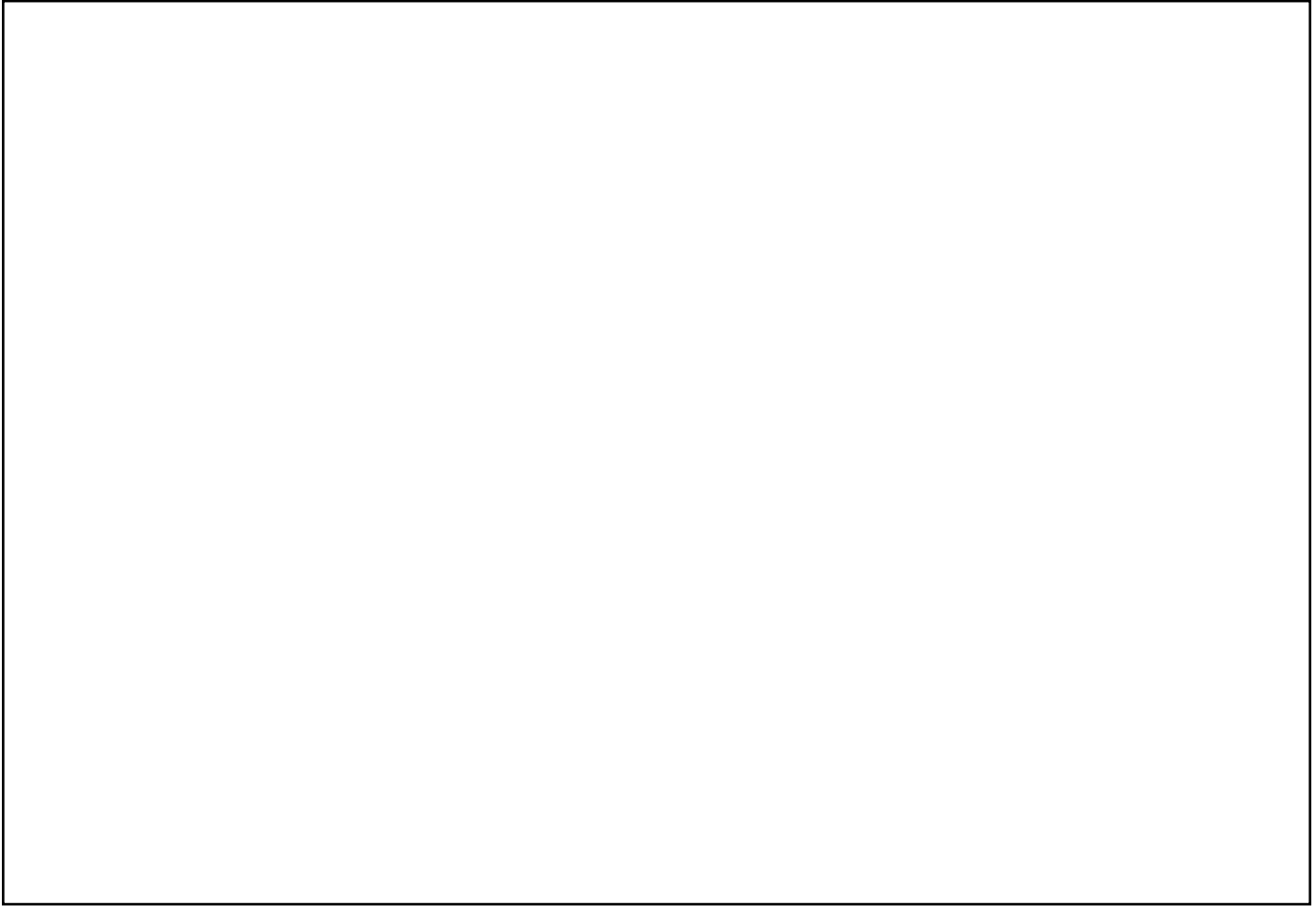
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# SEED COMPARISONS



**Draw the lettuce seeds.**

**Describe the lettuce seeds.**

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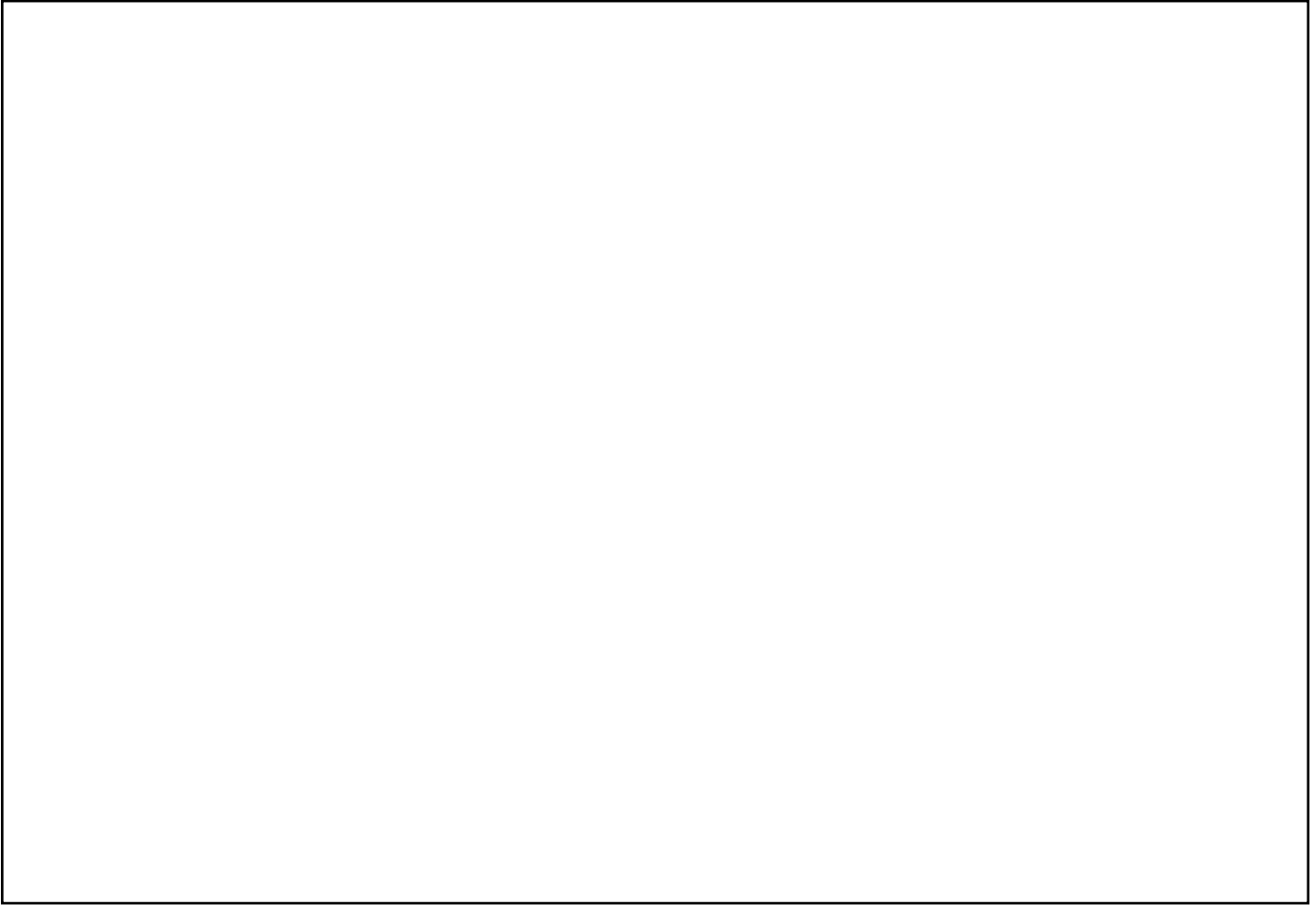
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# SEED COMPARISONS



**Draw the radish seeds.**

**Describe the radish seeds.**

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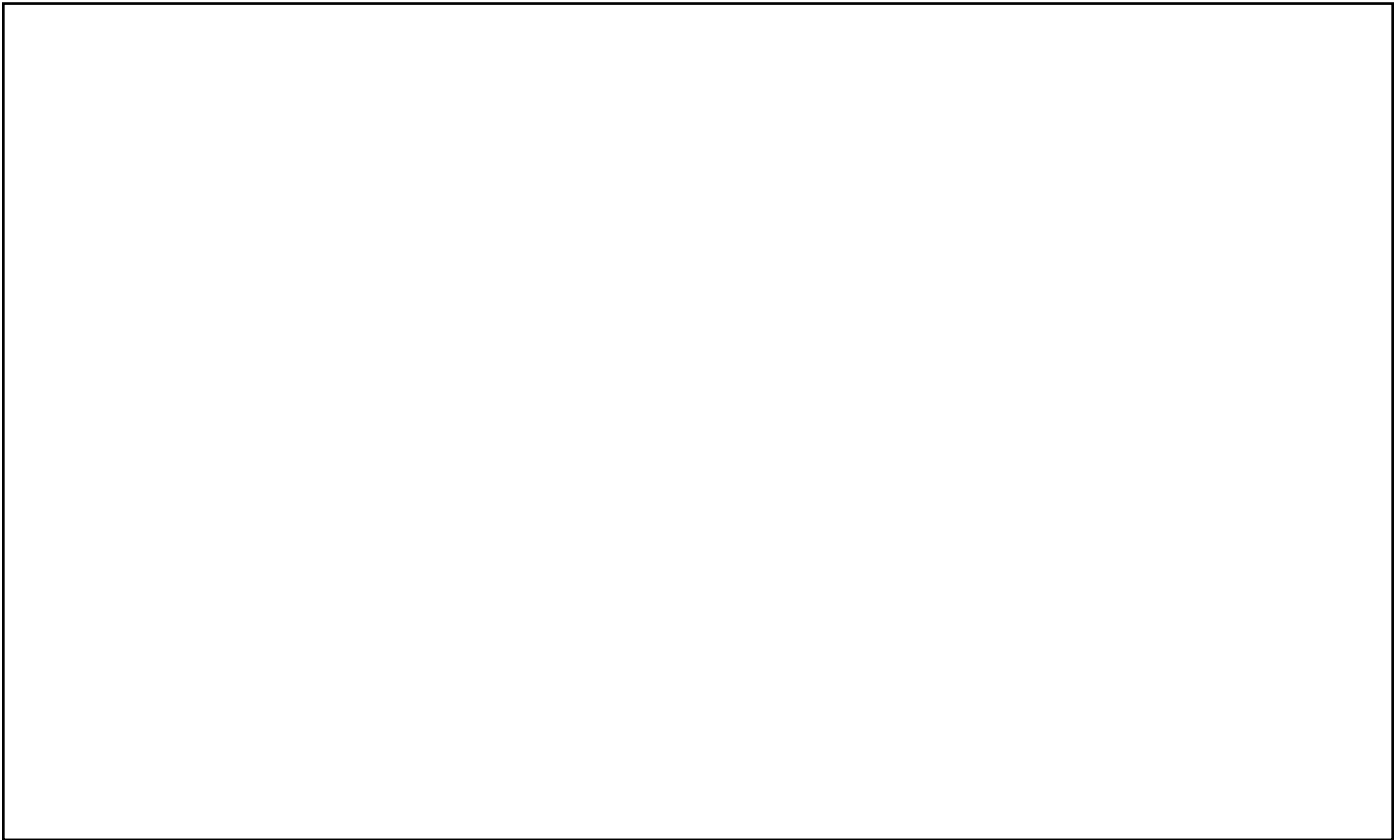
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# HOW DOES YOUR GARDEN GROW?

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



**Draw your seedling in the place where you placed it in the classroom.**

**Why did you select this place for your seeds to grow?**

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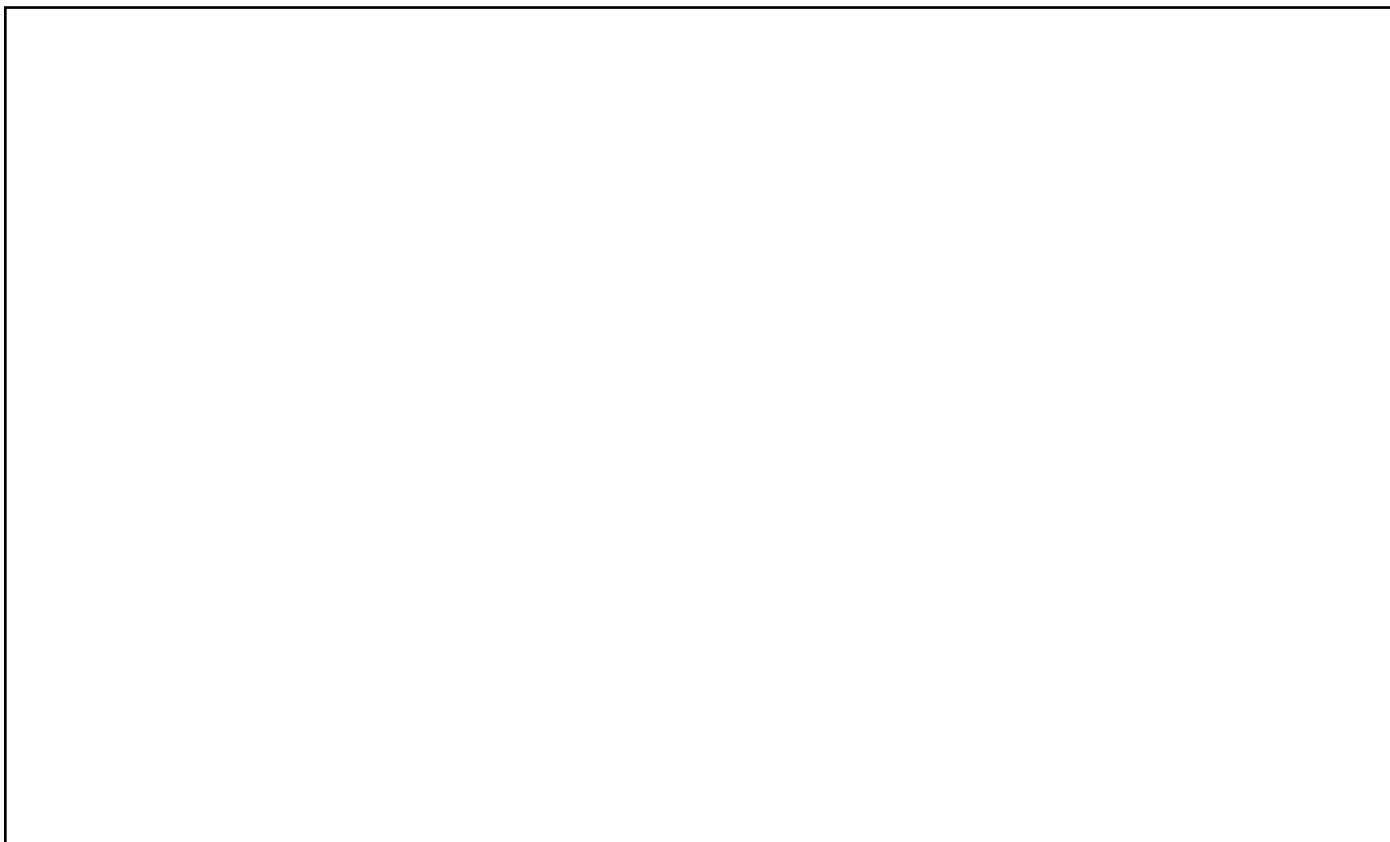
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# HOW DOES YOUR GARDEN GROW?

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



**Draw a seedling that grew well.**

**What conditions helped this seedling to grow?**

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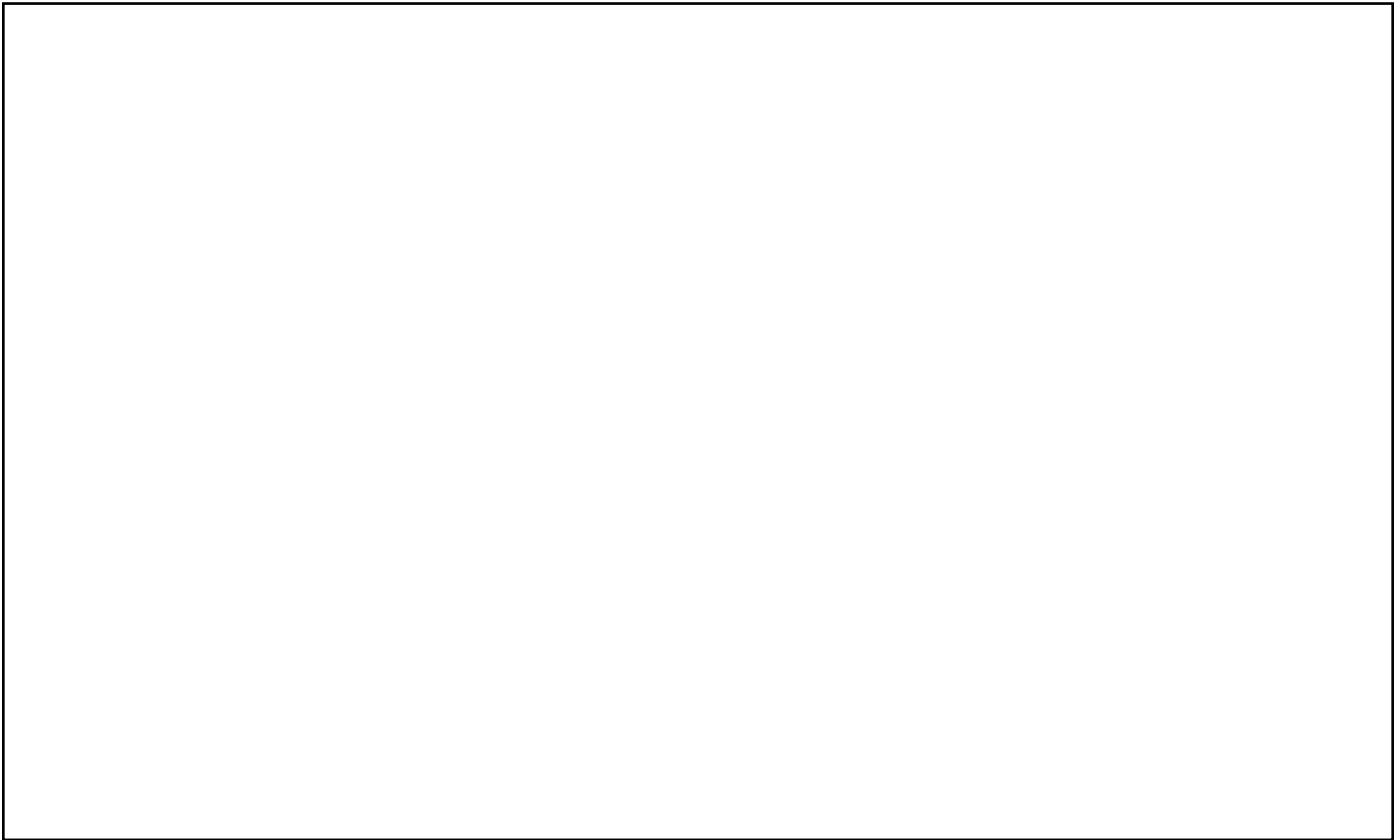
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# HOW DOES YOUR GARDEN GROW?

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



**Draw a seedling that didn't grow well.**

**What conditions hindered the growth of this seedling?**

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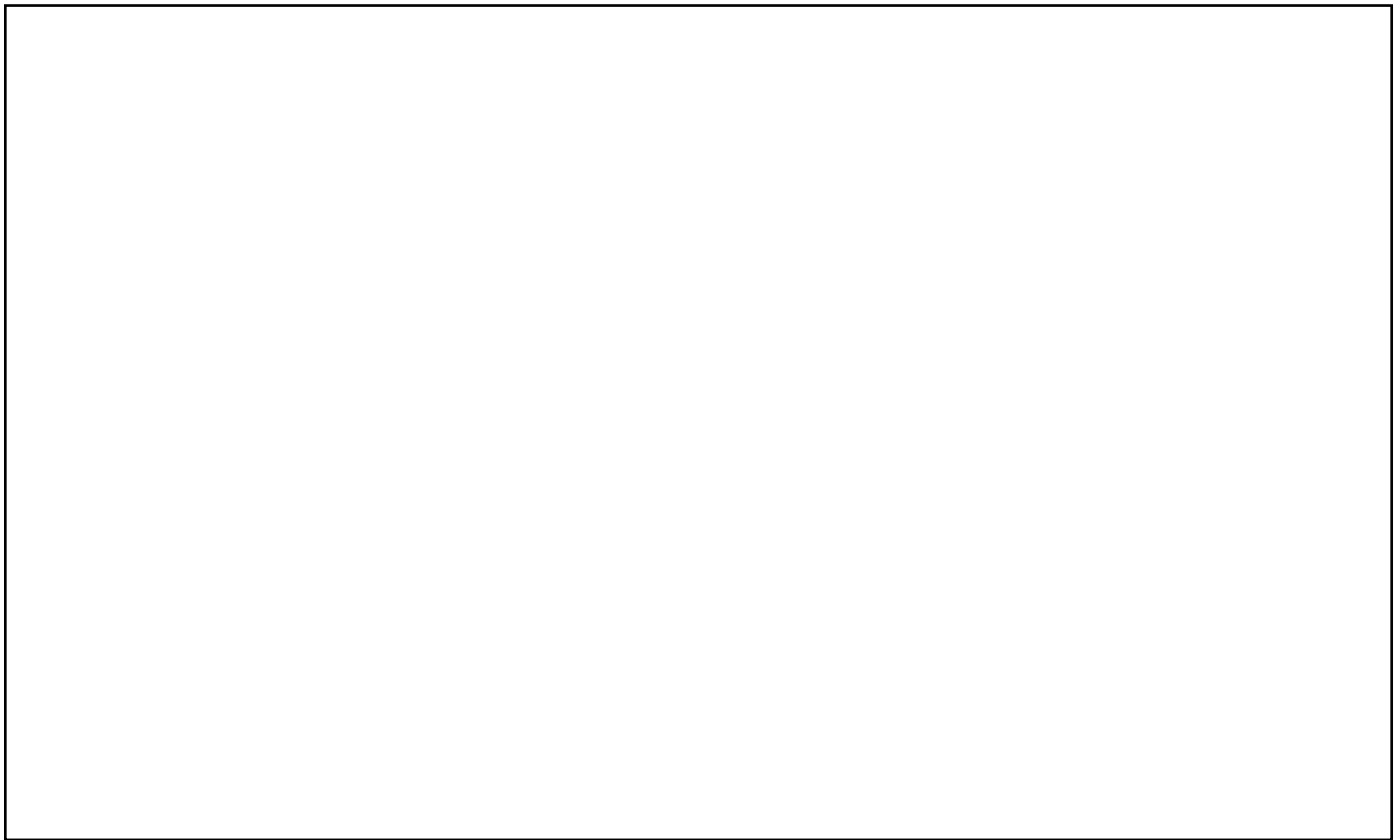
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# HOW DOES YOUR GARDEN GROW?

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



**Draw one of the garden plants.**

**How has the plant changed since your last drawing?**

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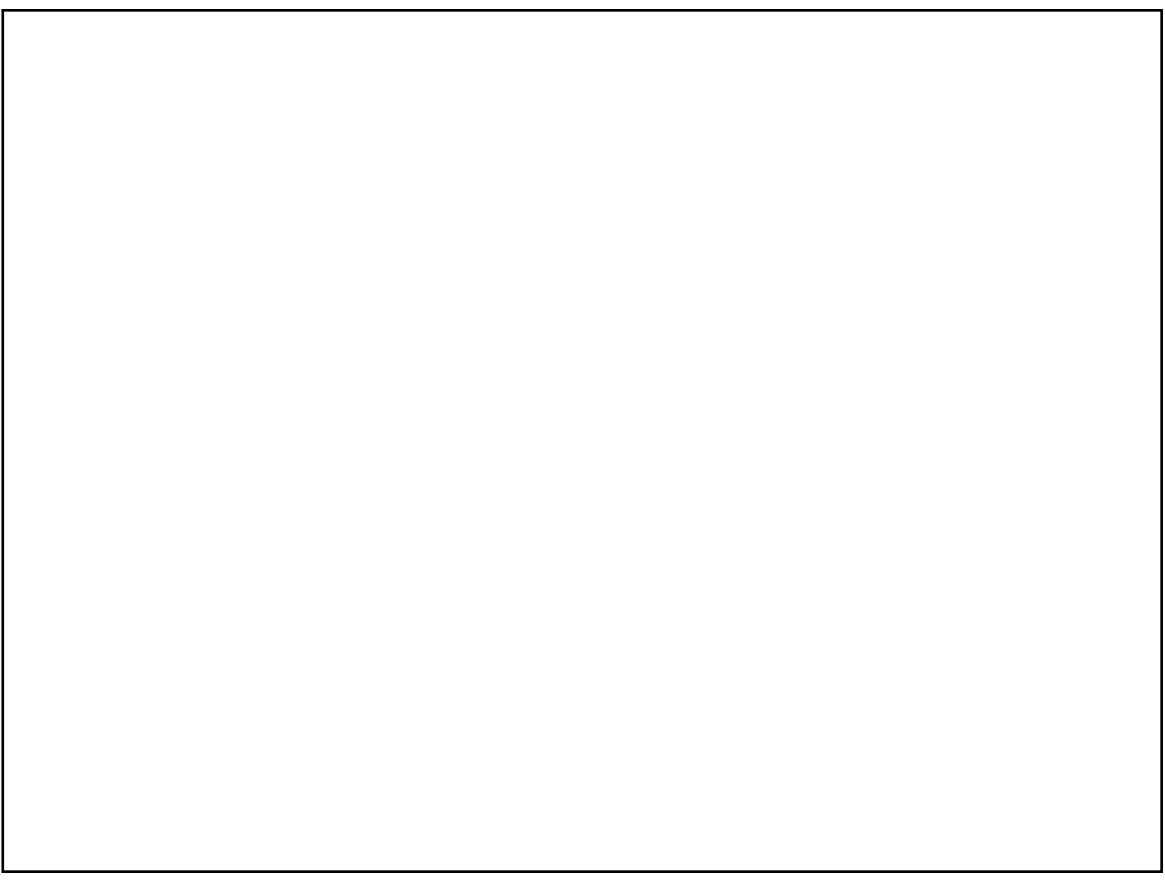
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## TASTING RADISHES AND LETTUCE

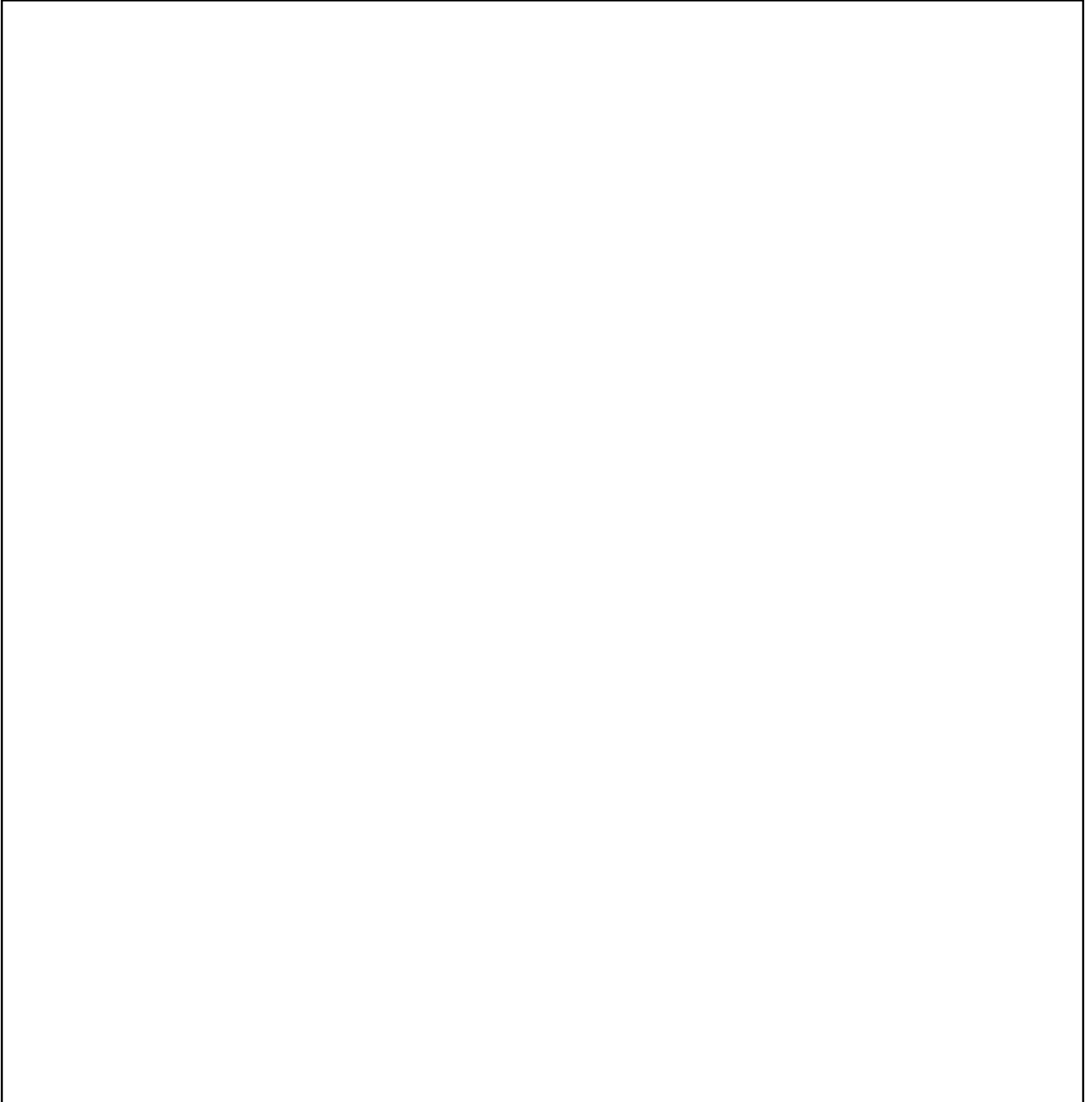
**Draw the radish plant and label the structures.**



**Draw the lettuce plant and label the structures.**



# SPRING WILDFLOWER OBSERVATION



**Draw a wildflower and label the roots (if you can see them), stem, leaves, flower and seeds (if you can see them).**

# SOME HAVE LONG LEGS

**Draw a frog in this circle.**

**Label parts on the frog that are different than the toad.**

**Draw a toad in this circle.**

**Label parts on the toad that are different than the frog.**

**In the**

**middle write**

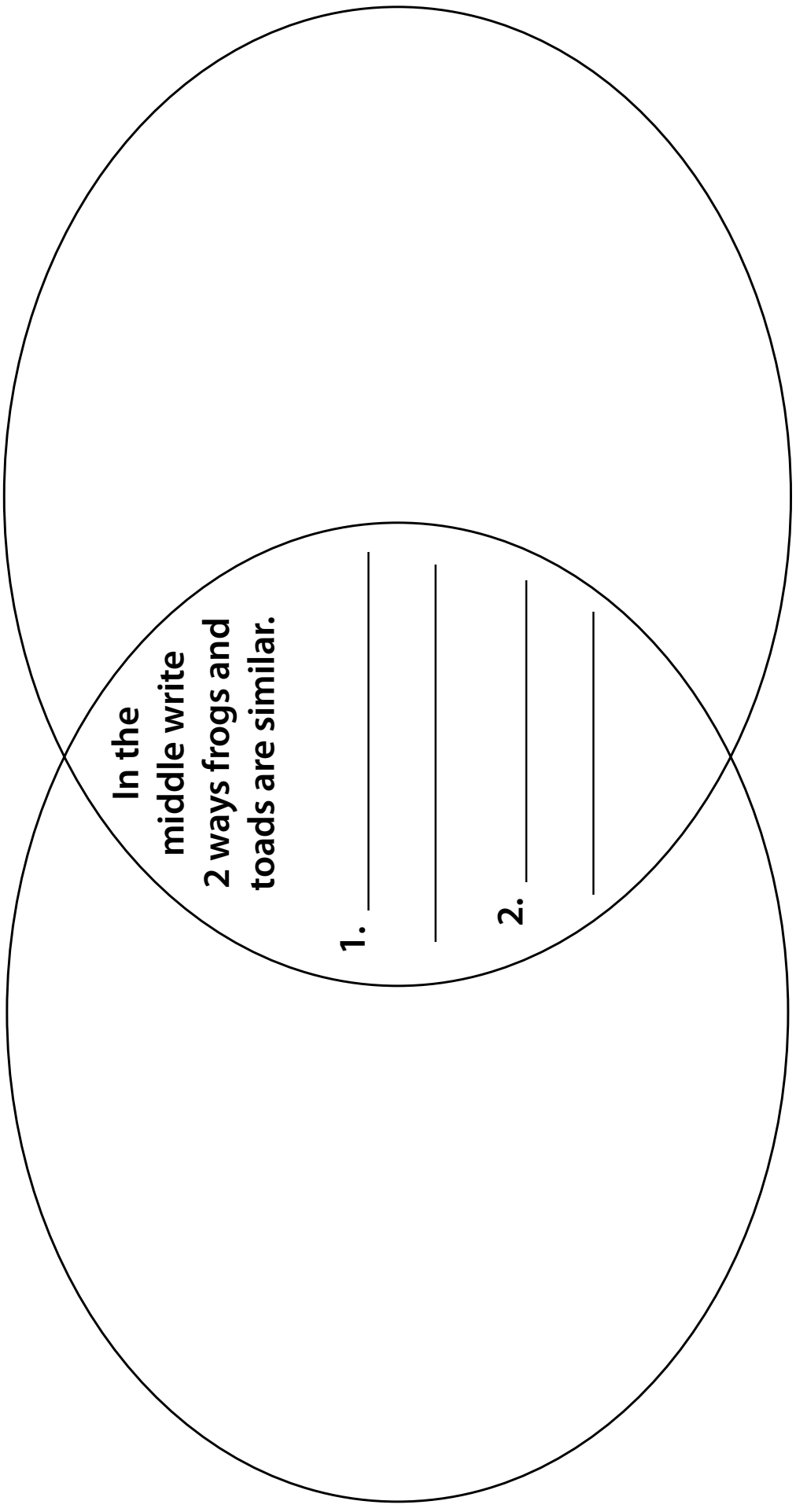
**2 ways frogs and toads are similar.**

1. \_\_\_\_\_

\_\_\_\_\_

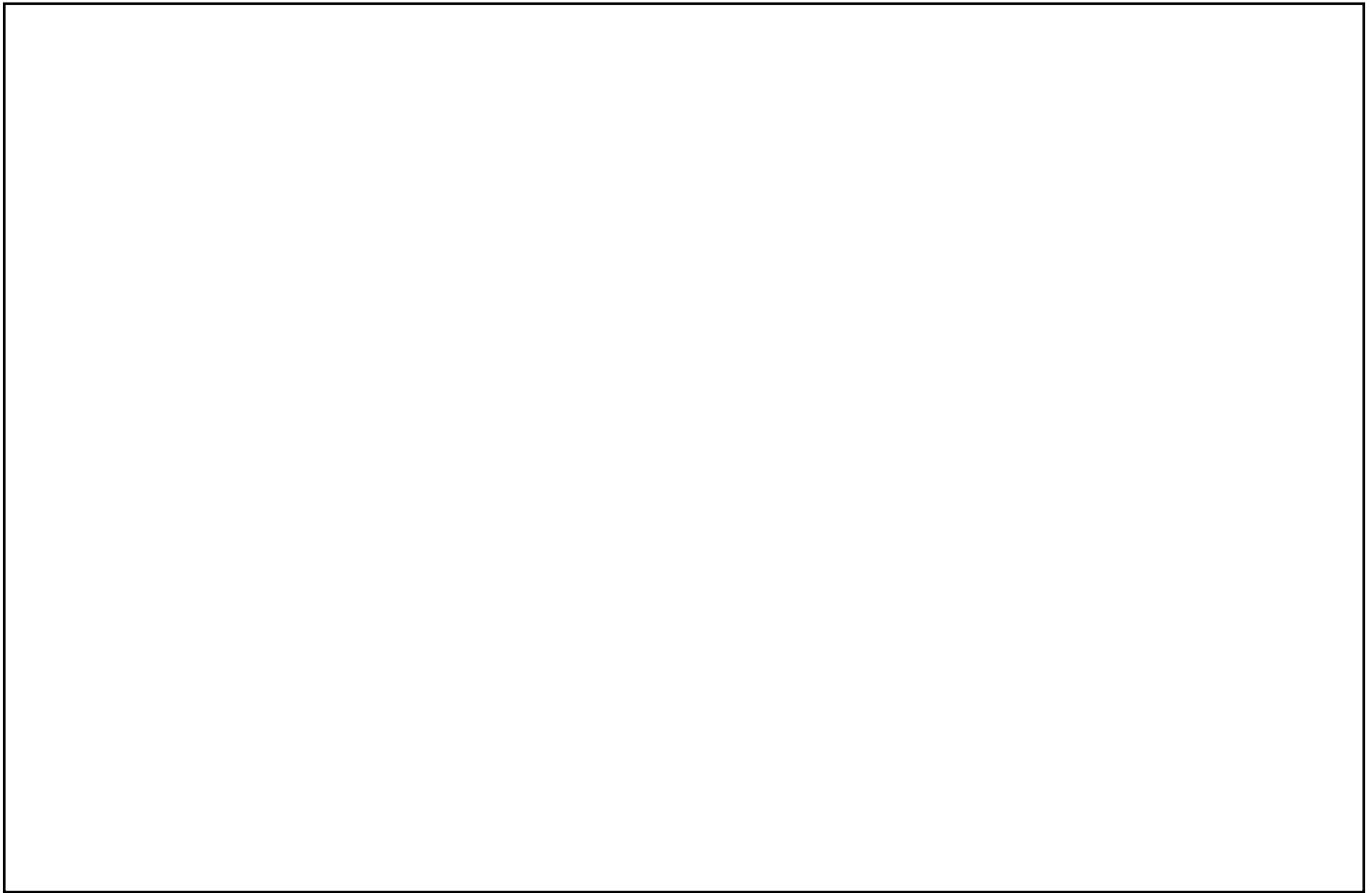
2. \_\_\_\_\_

\_\_\_\_\_





# HOW DO YOU USE YOUR SENSES? —SIGHT



**Draw an animal that uses its sense of sight to help it survive.  
Label the part of the animal that it uses to see.**

**How does this animal use its sense of sight to survive?**

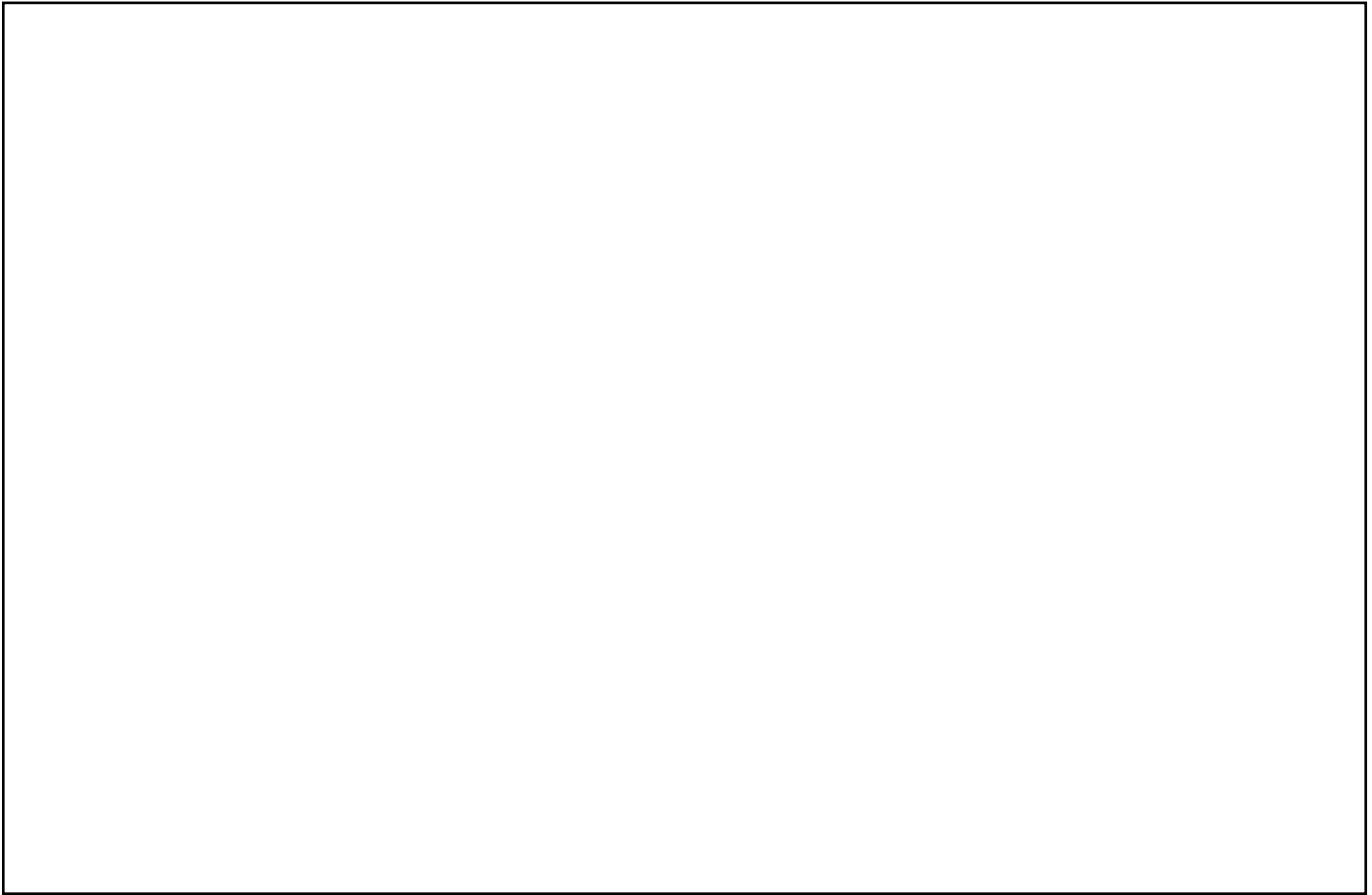
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# HOW DO YOU USE YOUR SENSES? —HEARING



**Draw an animal that uses its sense of hearing to help it survive.  
Label the part of the animal that it uses to hear.**

**How does this animal use its sense of hearing to survive?**

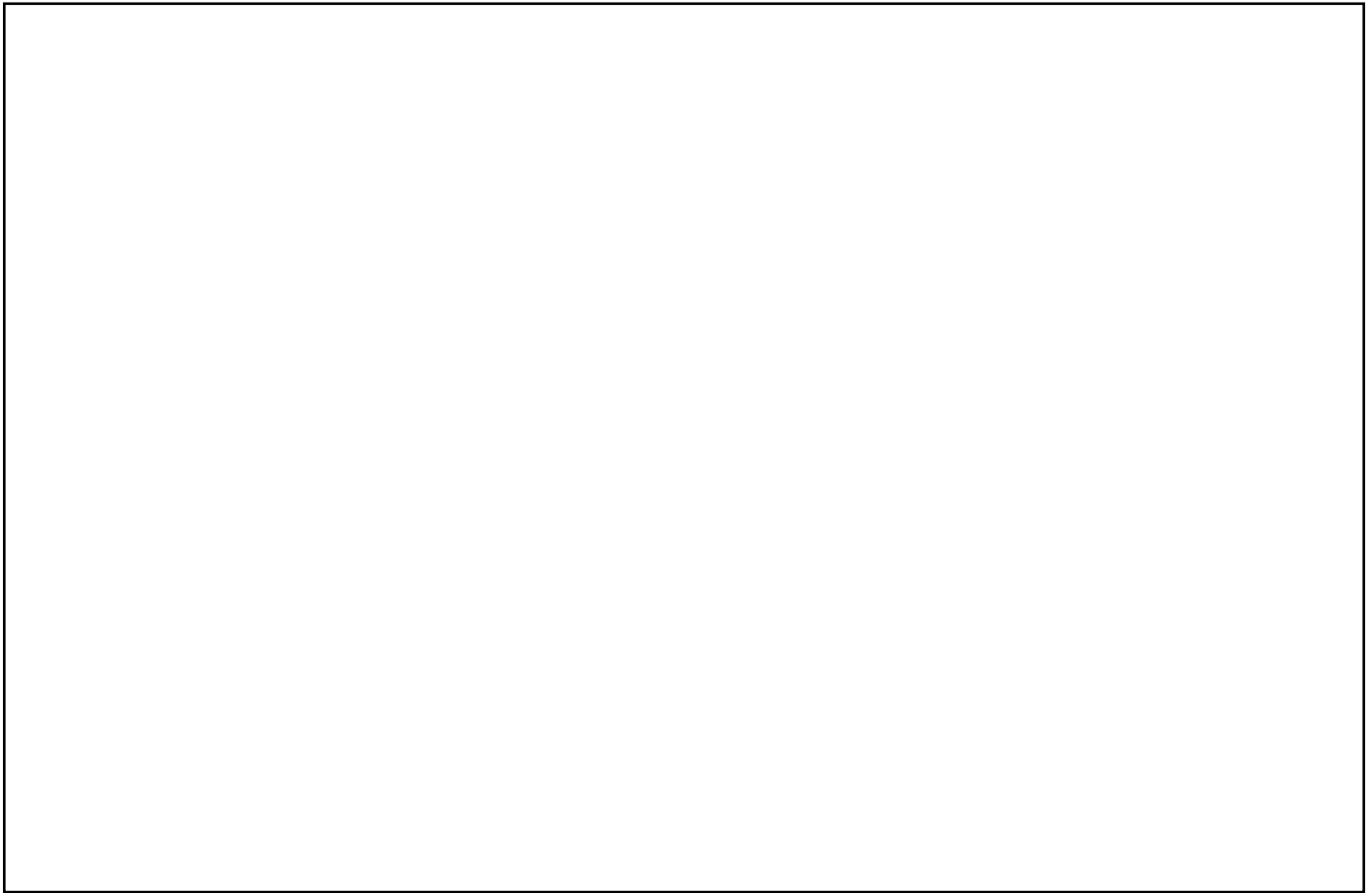
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# HOW DO YOU USE YOUR SENSES? —TOUCH



**Draw an animal that uses its sense of touch to help it survive.  
Label the part of the animal that it uses to feel.**

**How does this animal use its sense of touch to survive?**

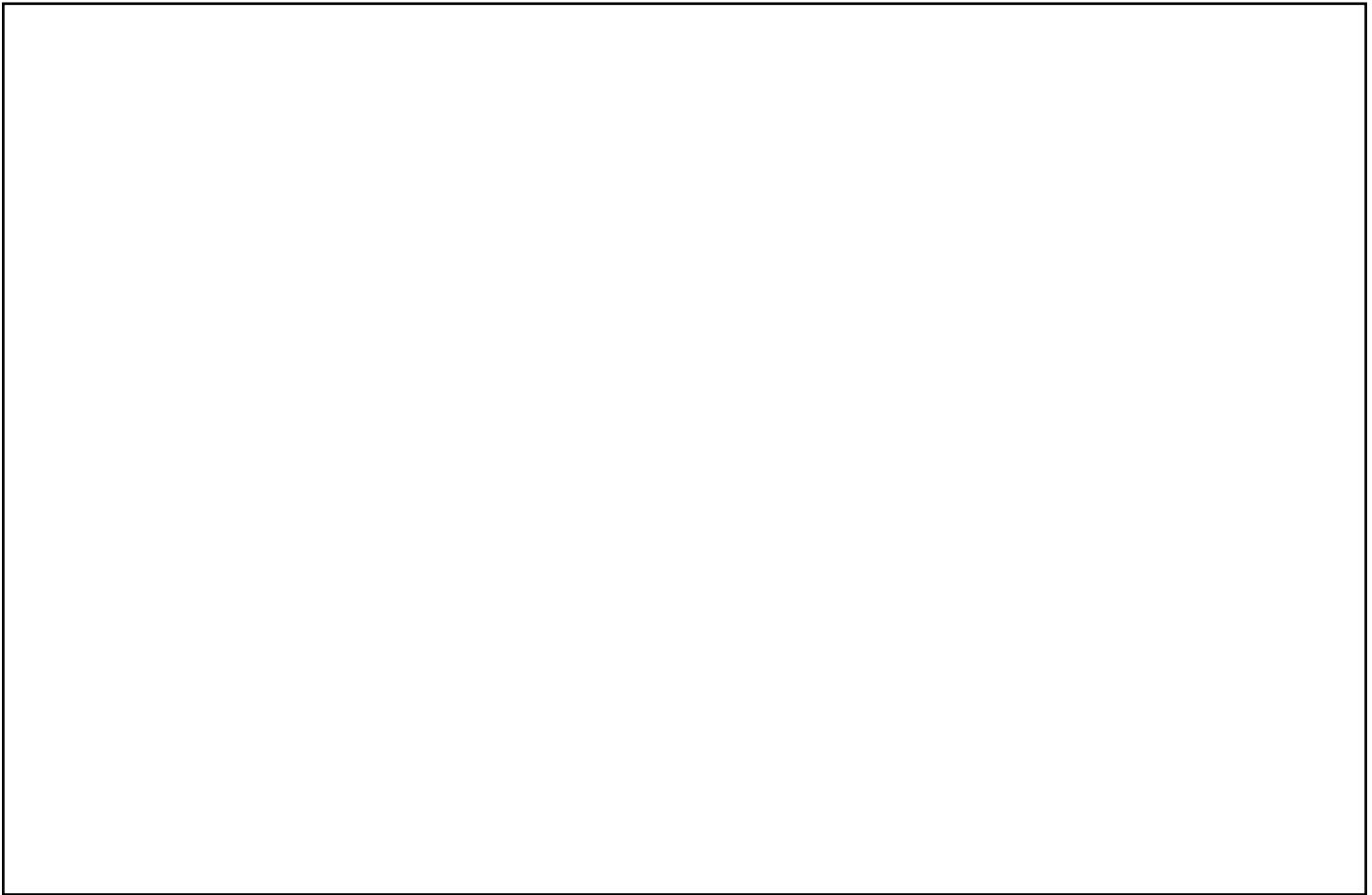
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# HOW DO YOU USE YOUR SENSES? —SMELL



**Draw an animal that uses its sense of smell to help it survive.  
Label the part of the animal that it uses to smell.**

**How does this animal use its sense of smell to survive?**

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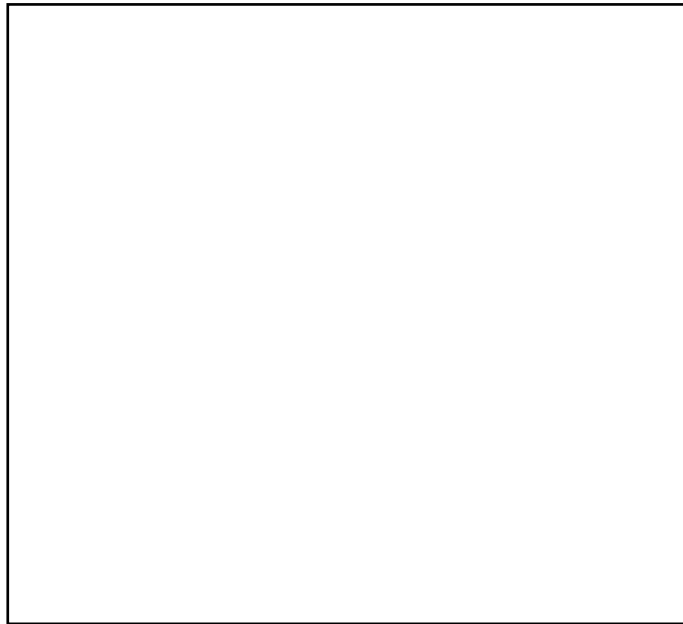
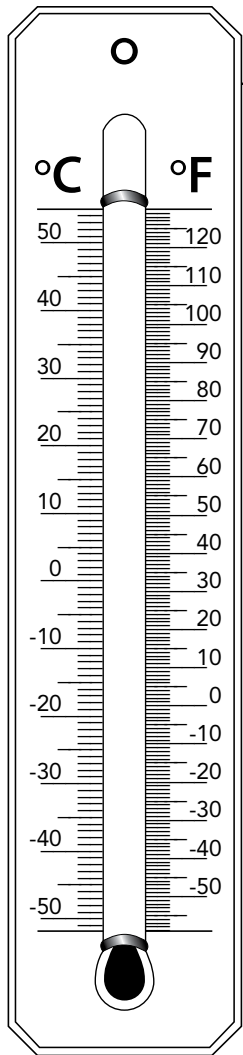
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# FIELD EXPERIENCES

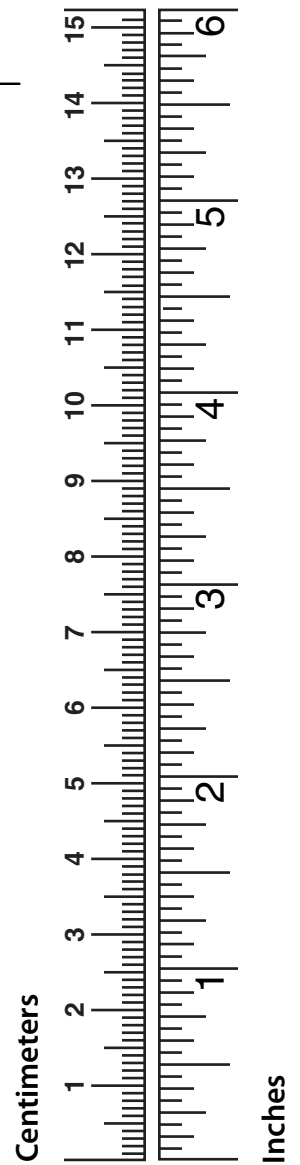
Date \_\_\_\_\_

Record the temperature.

Record the precipitation.



Record the wind. \_\_\_\_\_



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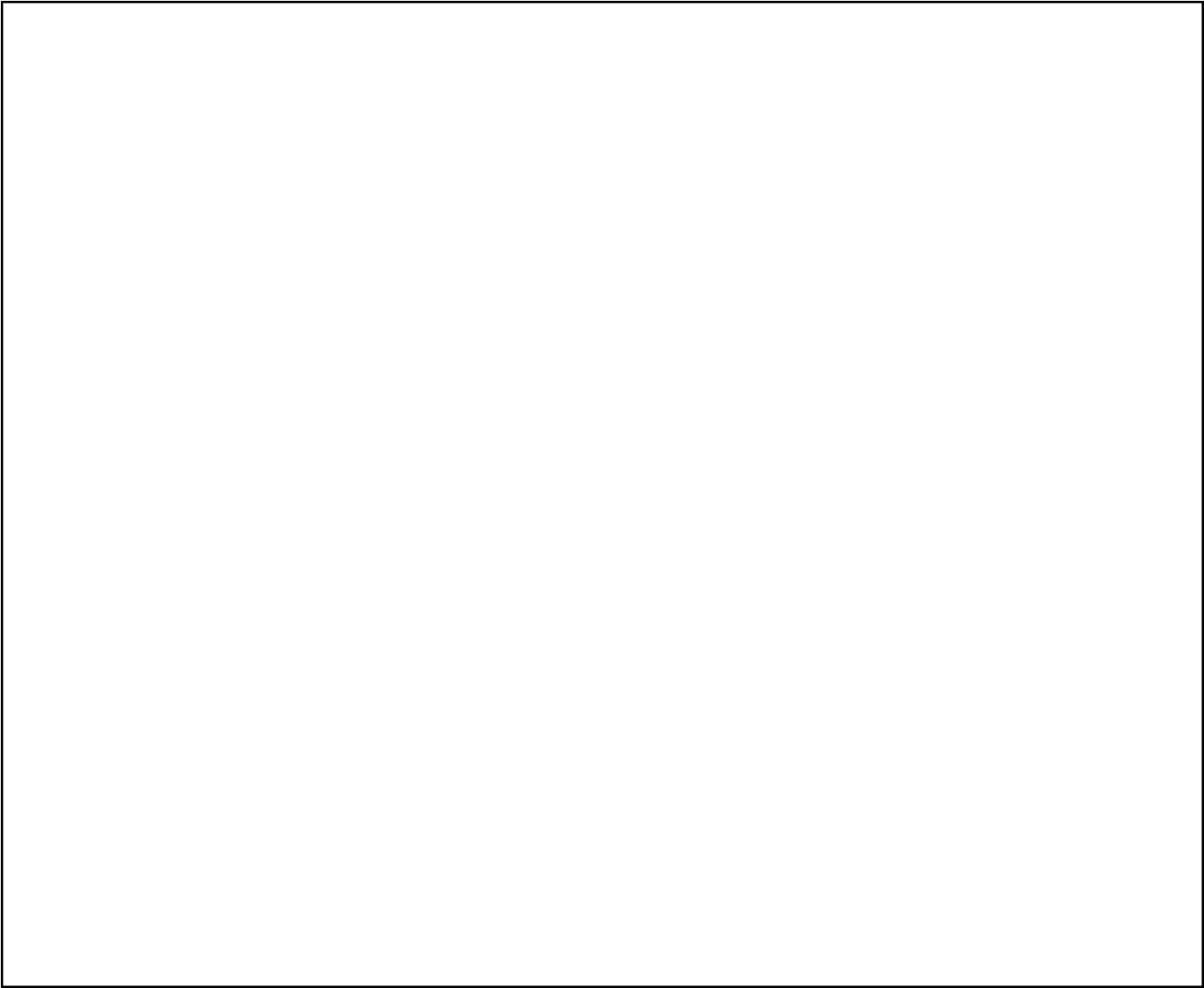
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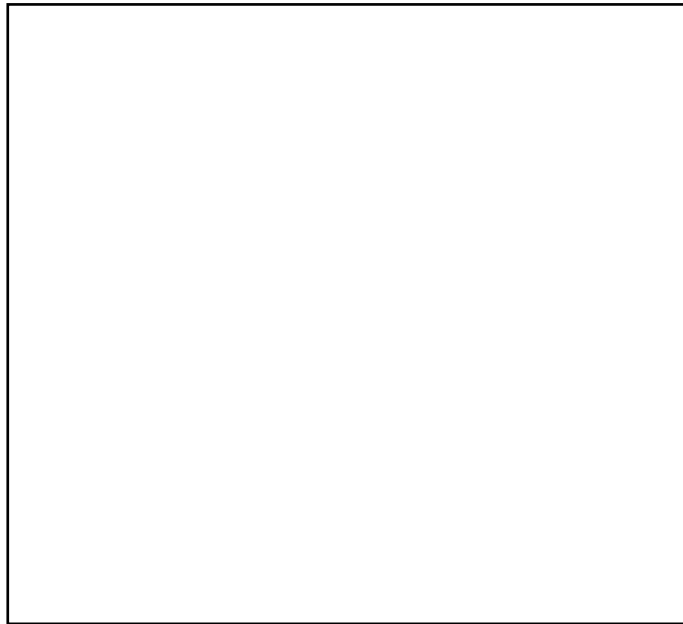
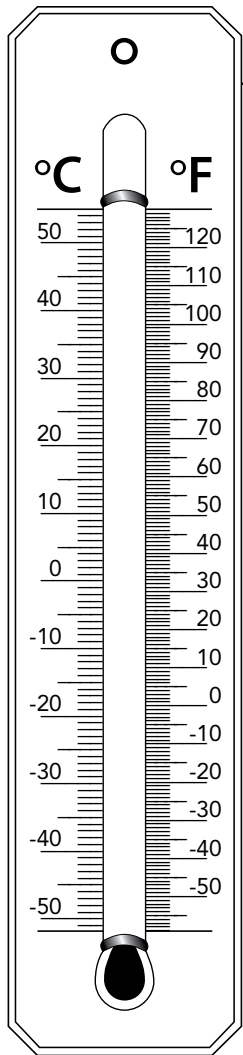
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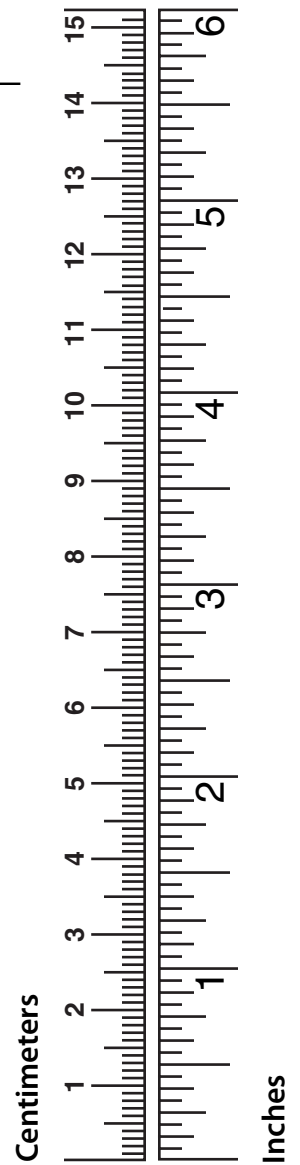
Date \_\_\_\_\_

Record the temperature.

Record the precipitation.



Record the wind. \_\_\_\_\_



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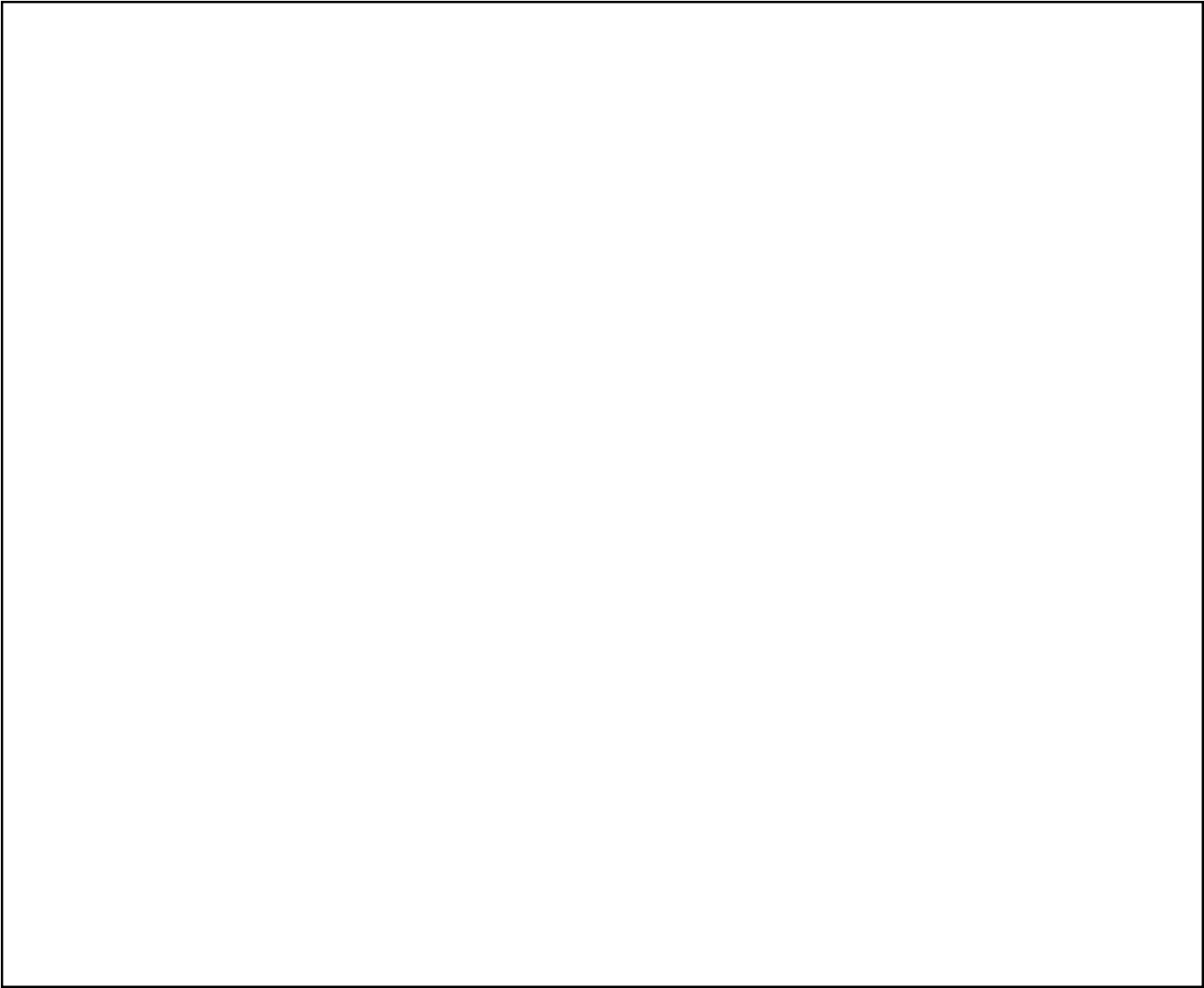
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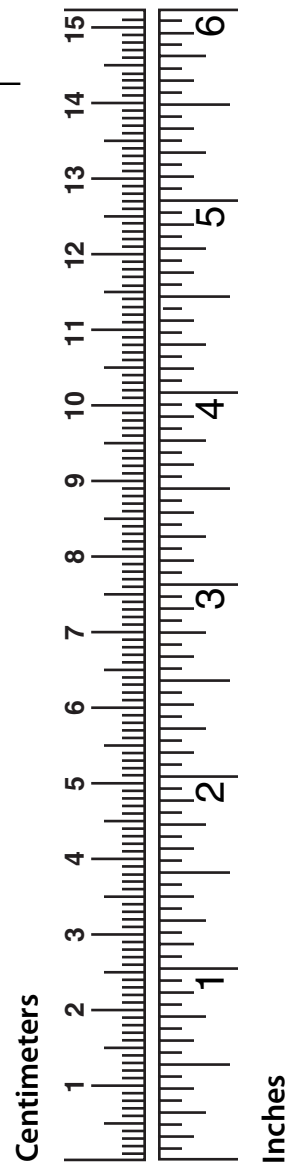
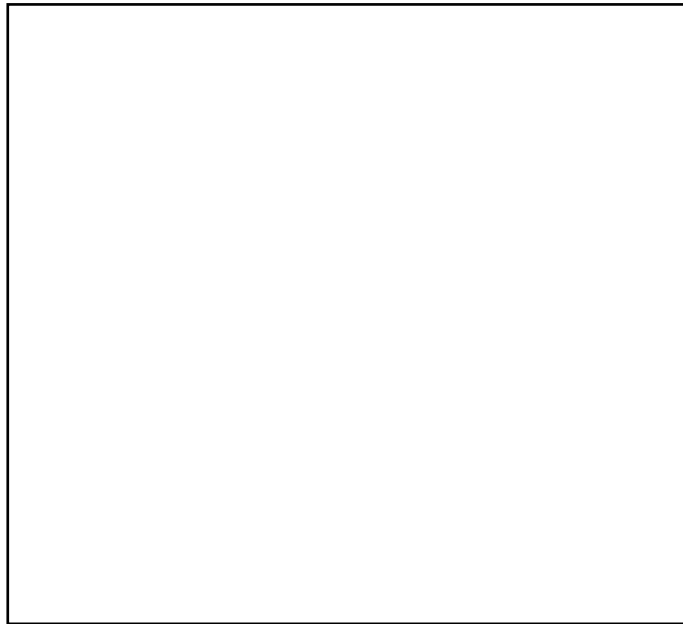
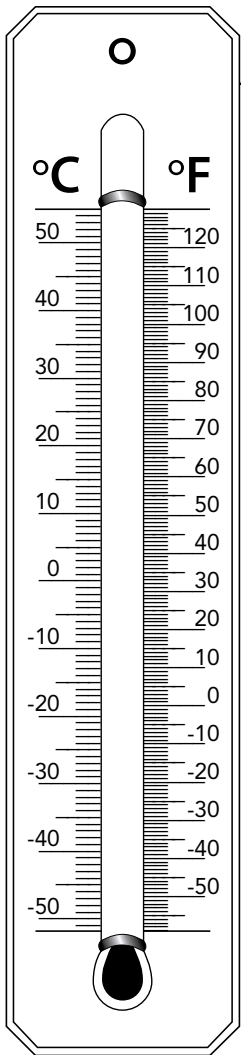
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Date \_\_\_\_\_

Record the temperature.

Record the precipitation.



Record the wind. \_\_\_\_\_

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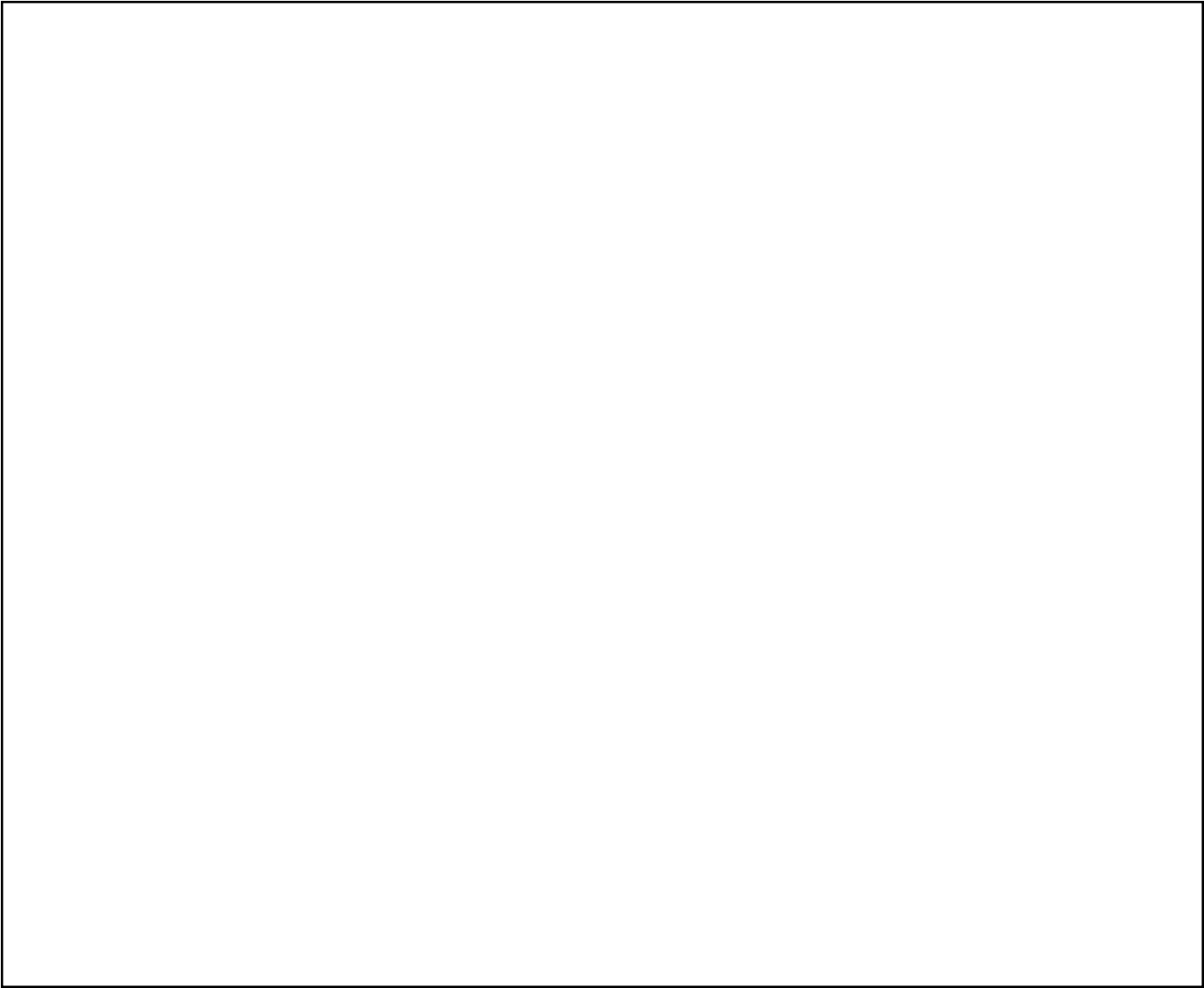
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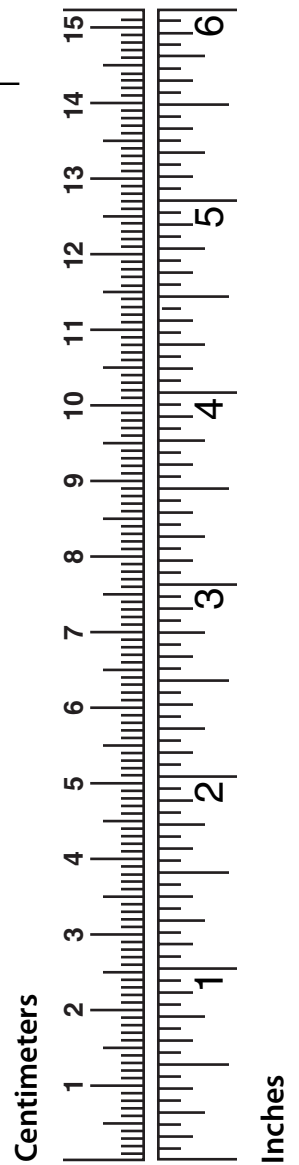
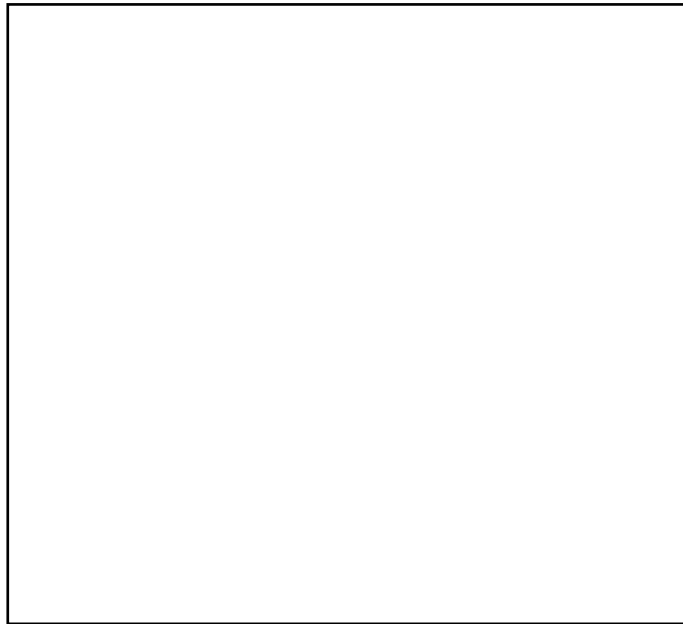
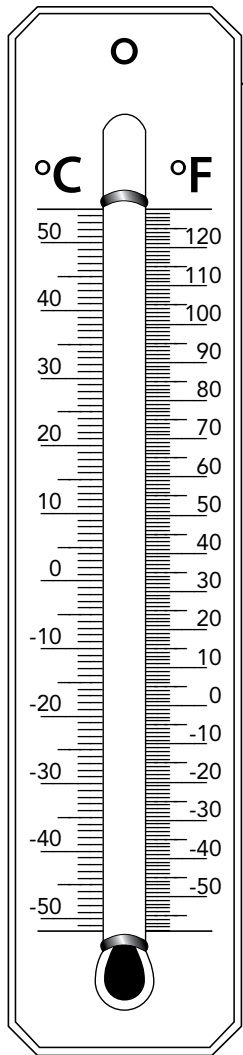
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Date \_\_\_\_\_

Record the temperature.

Record the precipitation.



Record the wind. \_\_\_\_\_

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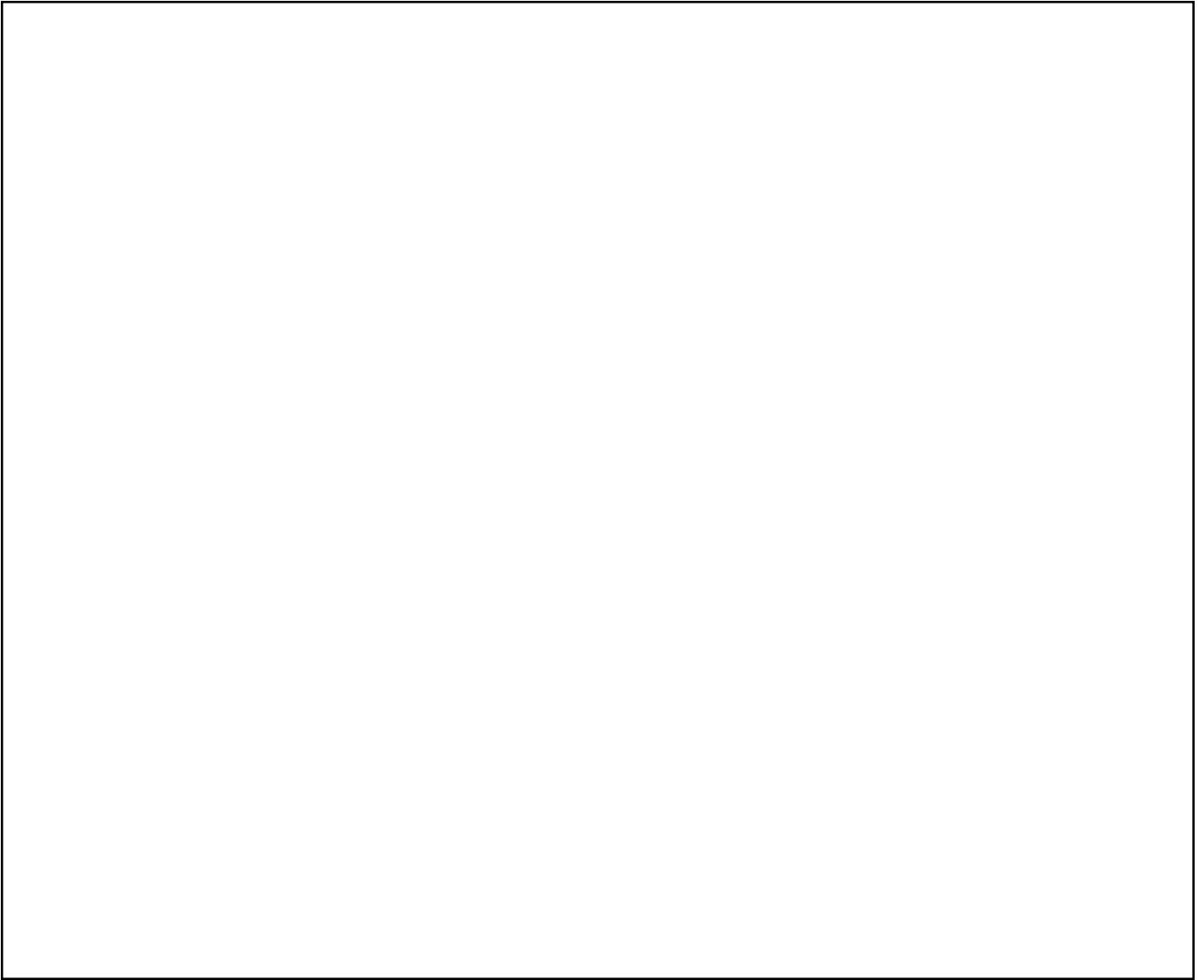
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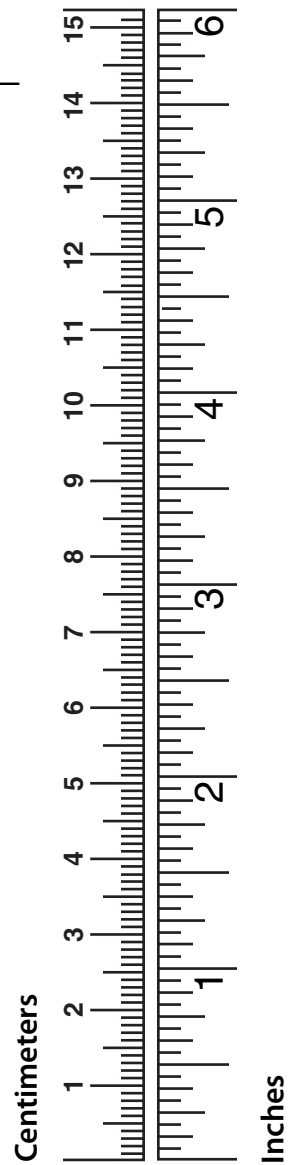
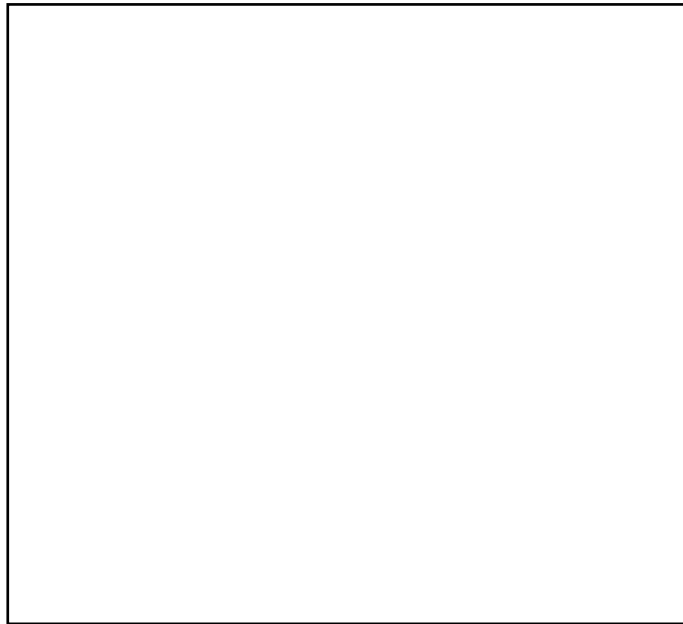
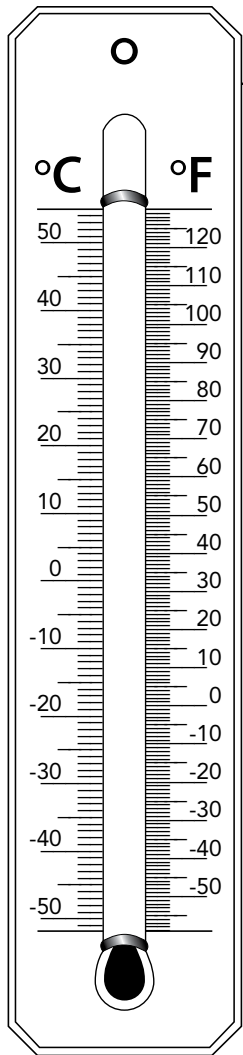
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Date \_\_\_\_\_

Record the temperature.

Record the precipitation.



Record the wind. \_\_\_\_\_

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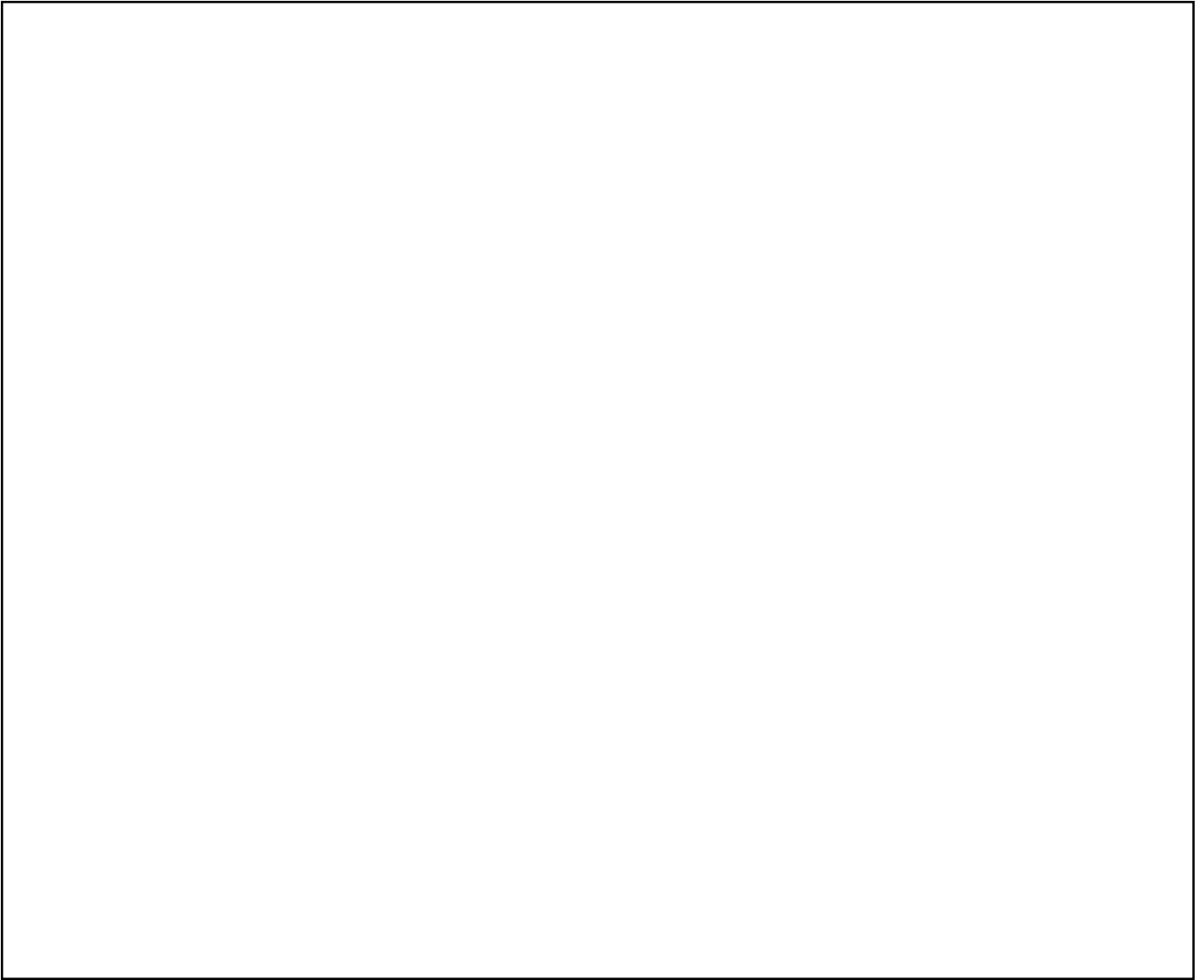
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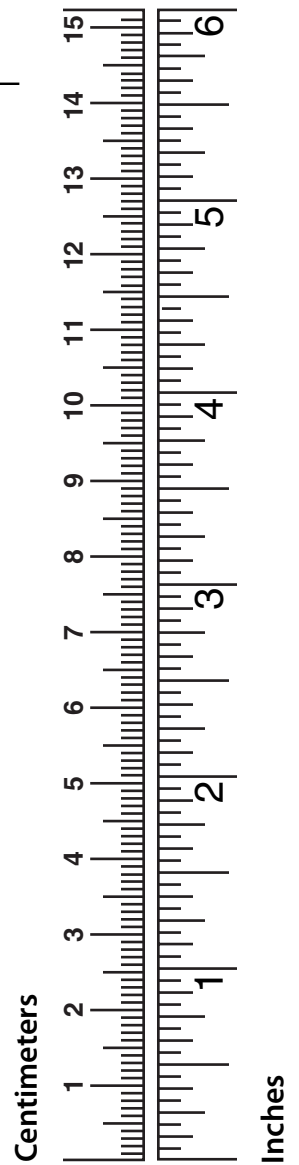
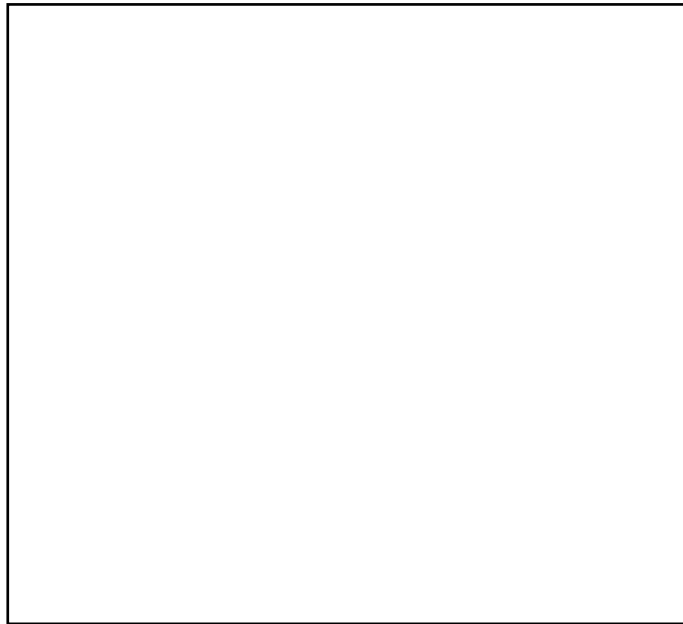
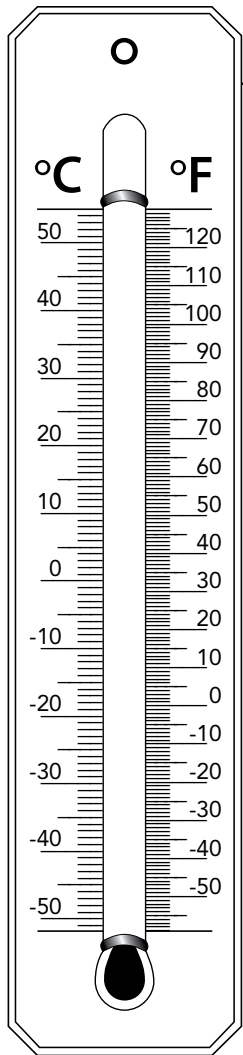
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Date \_\_\_\_\_

Record the temperature.

Record the precipitation.



Record the wind. \_\_\_\_\_

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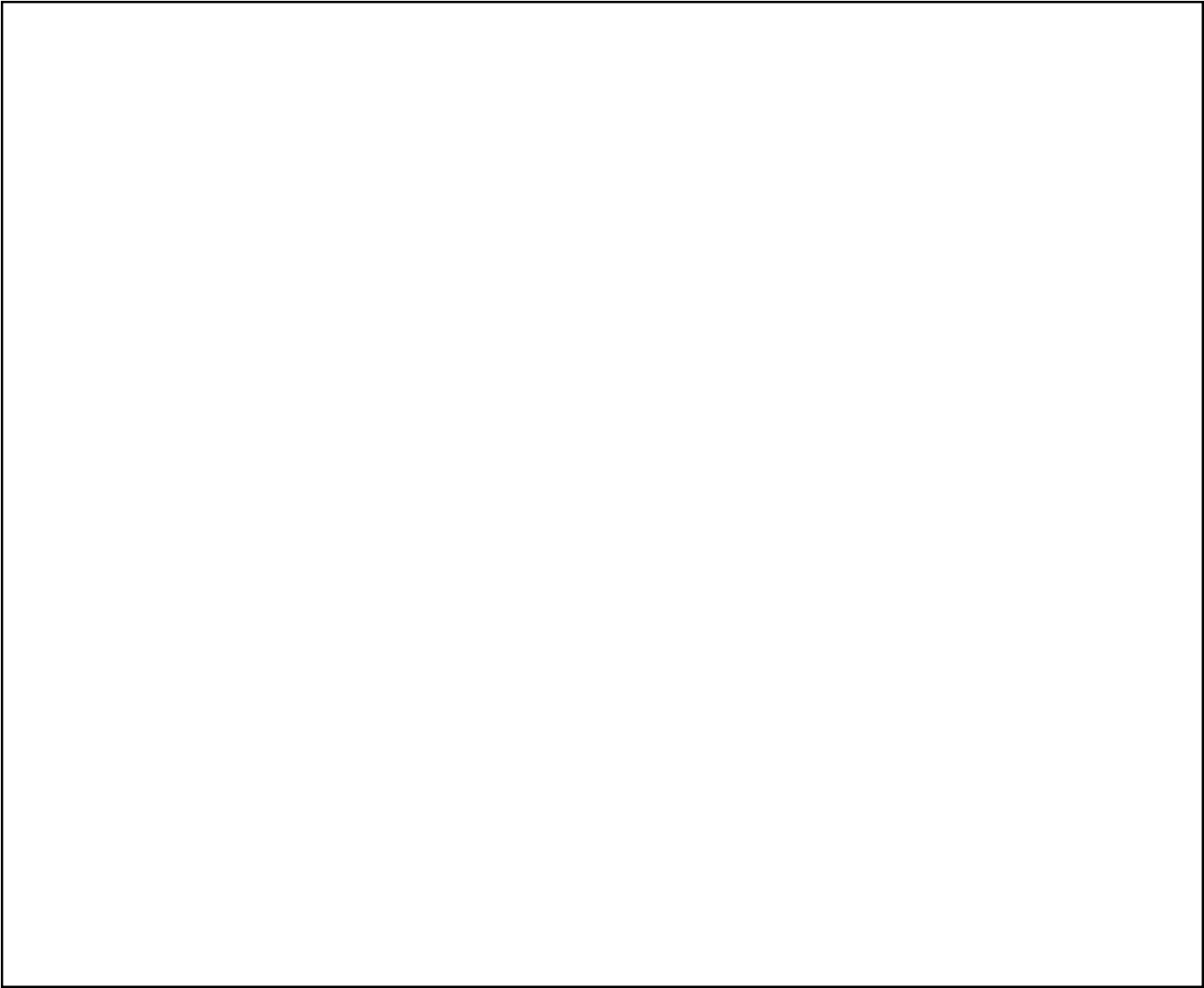
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# NOTES



