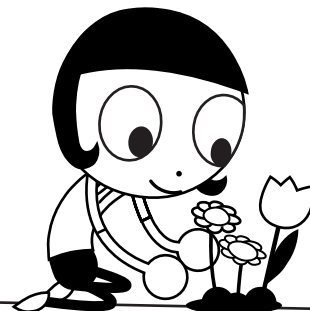
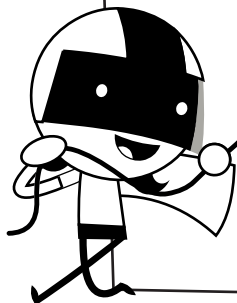
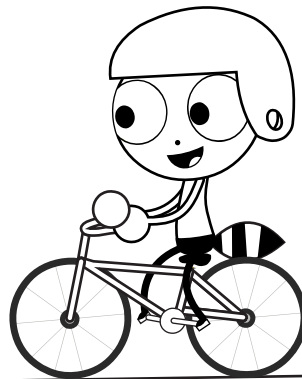




**Summer of Possibilities**



# Observing Nature





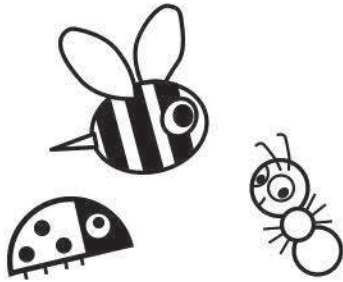
Name \_\_\_\_\_

# Nature Scavenger Hunt



**DANIEL TIGER'S  
NEIGHBORHOOD**

There's so much to explore when you're outside! You and your family can enjoy going on a nature walk and talking about the things you see. Look at the pictures below. **How many of these things can you find?**



Bugs



Trees



Flowers



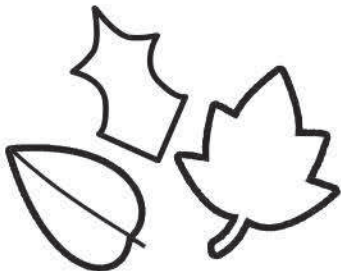
Pinecones



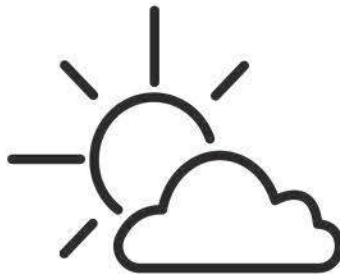
Birds



Squirrels



Leaves



Sun or Clouds

Draw something  
special you found.

For more ideas and tips visit

**[pbskidsforparents.org](http://pbskidsforparents.org)**



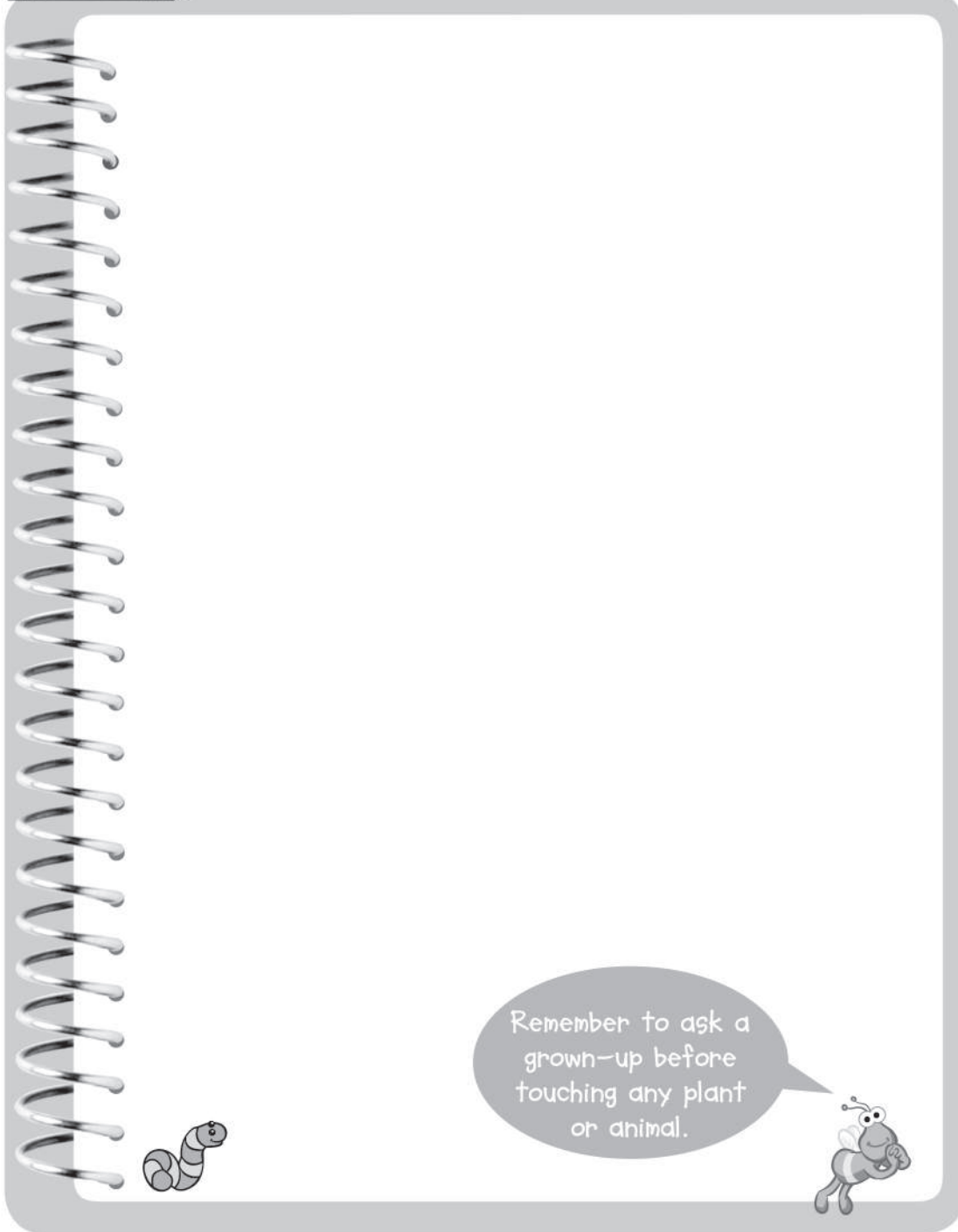
123

SESAME STREET

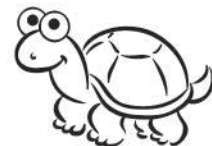
Name \_\_\_\_\_

## Nature Scrapbook

Pretend you are taking a walk in the park with Elmo. Cut out the animals, plants, and insects on this page. Paste them in the scrapbook below. What else might you see outdoors? Draw it in the scrapbook.



Remember to ask a grown-up before touching any plant or animal.



123

SESAME STREET .org/parents

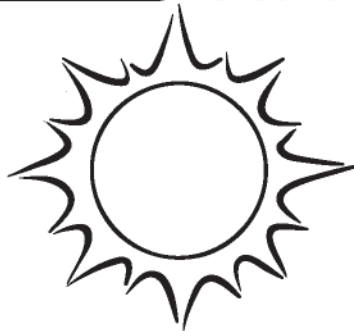


123

SESAME STREET

Name \_\_\_\_\_

## NATURE JOURNAL

EXPLORE,  
OBSERVE,  
CONNECT

Let's go on a mission — a Nature Explorer Mission! So many interesting things can be found at your national park, local park, or even your backyard. What do you see when you're walking outside? What do you smell? Hear? Feel? Use this journal to record all of your exciting findings. Become a Nature Detective and document the nature around you. Draw a picture of what you see or smell. Or, take photographs with a camera and make a scrapbook of your findings. The options are endless!

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[sesamestreet.org/parks](https://sesamestreet.org/parks)

# NATURE JOURNAL

Outdoors, I...

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# NATURE JOURNAL

When I look at nature, I...



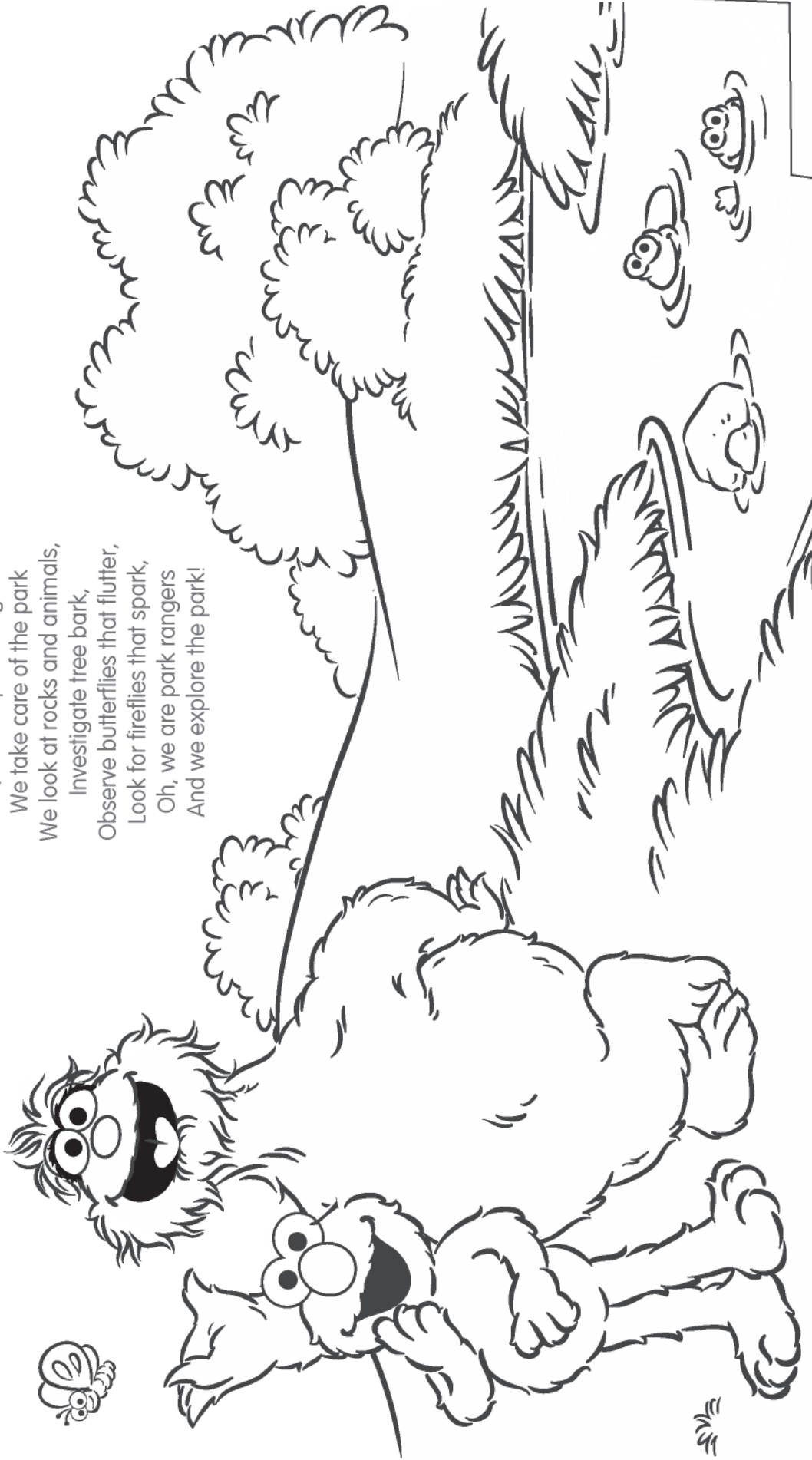
# Park Rangers

Name \_\_\_\_\_

Elmo and Murray are Park Rangers at the park! Draw other things Elmo and Murray might observe in the park like birds, flowers, and bugs. Then, repeat each line of the Park Ranger Pledge!

## PARK RANGER PLEDGE

Oh, we are park rangers  
We take care of the park  
We look at rocks and animals,  
Investigate tree bark,  
Observe butterflies that flutter,  
Look for fireflies that spark,  
Oh, we are park rangers  
And we explore the park!



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Join the Club!

Bookmark

Membership  
Card



## Exploring Club Pledge

An explorer is brave!  
An explorer is kind!  
An explorer is curious!  
Who knows what  
we'll find!

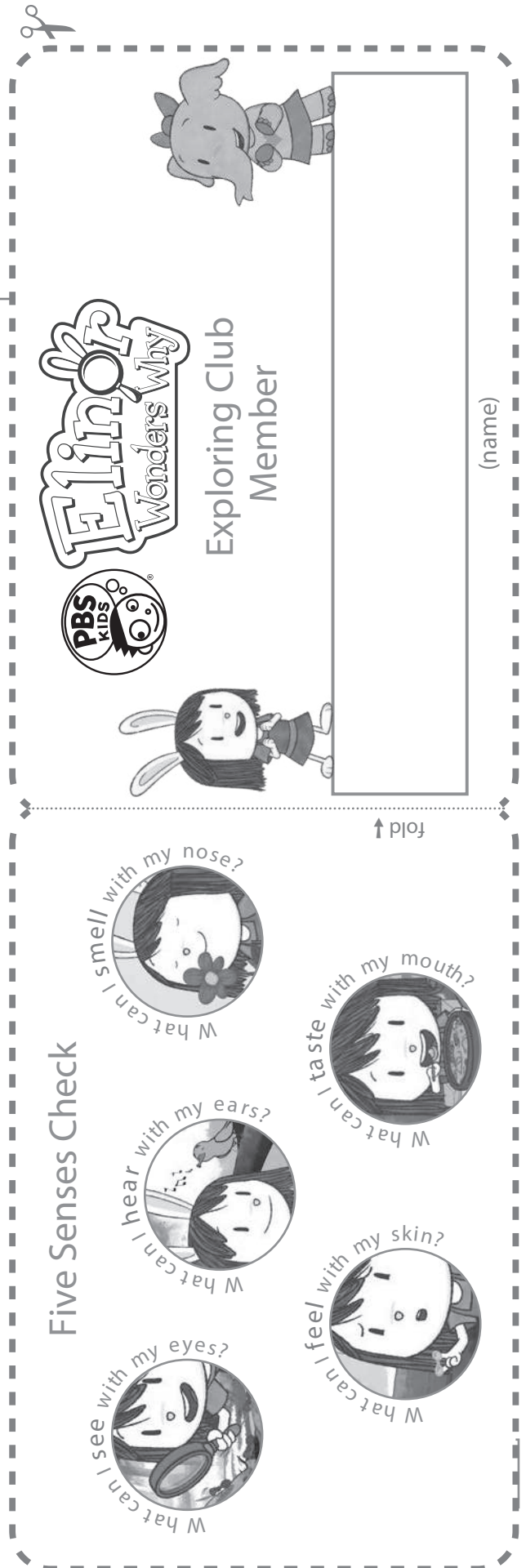


Visit [pbskids.org/elinor](http://pbskids.org/elinor)

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# Protecting Our Planet

I can help take care of  
the environment by...

By Scientist:

\_\_\_\_\_ (name)



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# Build it from Nature



1

Elinor is fascinated by the hook-and-loop fastener on Ari's new watch. How do the two ends stick together, she wonders? She invites Ari and Olive to investigate with her. They get their answer when they examine a bur seed stuck to Ari's shirt. They discover that the bur seed has little hooks that attach to the fibers of the shirt. A hook-and-loop fastener works the same way!

The VELCRO® brand hook-and-loop fastener is just one example of a human-made object whose invention was inspired by nature. Other examples are LED lights (inspired by the light mechanisms of fireflies); medical adhesive that is strong but gentle on the skin (inspired by the silk of spiders); and a special coating for ship hulls to keep water life from sticking to them (inspired by the anti-bacterial properties of shark skin).



## What's Missing?

Use the pictures on the next page to get your child thinking about how nature inspires the human-made world. Three of the pictures are animals with features that influenced human designs. The other three pictures are human-designed objects that are missing a part that makes them work. Cut out the pictures. Put the animals in one pile and the partially completed pictures in another.

Look at the pictures with your child. Talk about the features (e.g., legs, beaks, wings) of the three animals. Discuss what is missing from the other three pictures. Ask your child, "Which animal has a feature that would help the (train, plane, fins) work?" Then have your child complete the pictures by laying each human-made object over the animal that influenced its design. For example lay the scuba diver over the frog so the frog's webbed feet become the diver's swim fins.



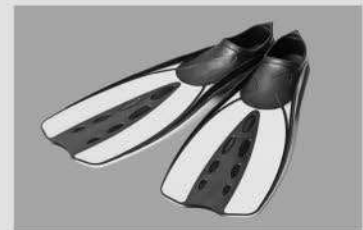
### BULLET TRAIN

The design of the super-fast Japanese bullet train drew inspiration from the head of a kingfisher, a bird with a big head and a long, narrow beak. A Japanese engineer noticed that when a kingfisher dove into the water to catch a fish it made very little splash. The same design, he thought, could help the train move through air more efficiently. It worked! Modern bullet trains have a steel "beak."



### AIRPLANE

The Wright brothers spent a lot of time observing how birds fly before they built the first plane that successfully flew a human in 1901. In particular, they noticed how birds rotate their wings to stabilize their flight. They applied this concept to the wings of their flyer. This led to the development of the aileron, a mechanism found on today's planes that control the roll of the plane.



### SWIM FINS

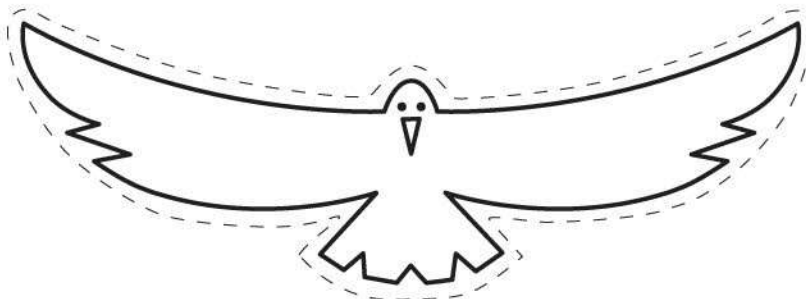
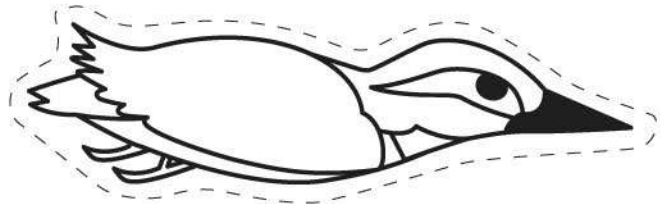
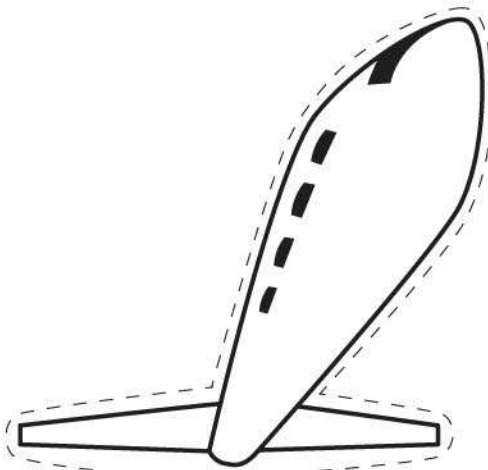
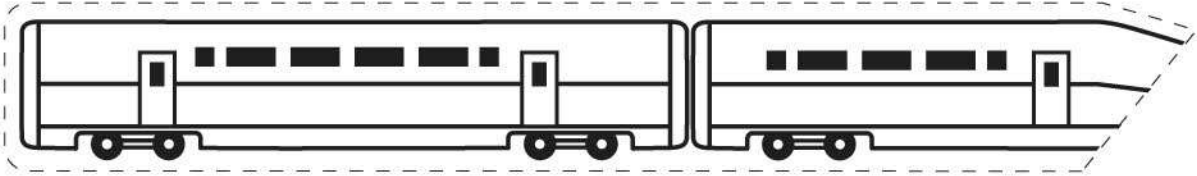
The modern swim fin was invented in 1914 by Louis de Corlieu, a member of the French Navy. He was inspired by how the webbed feet of ducks and frogs propel them through the water.



# What's Missing?



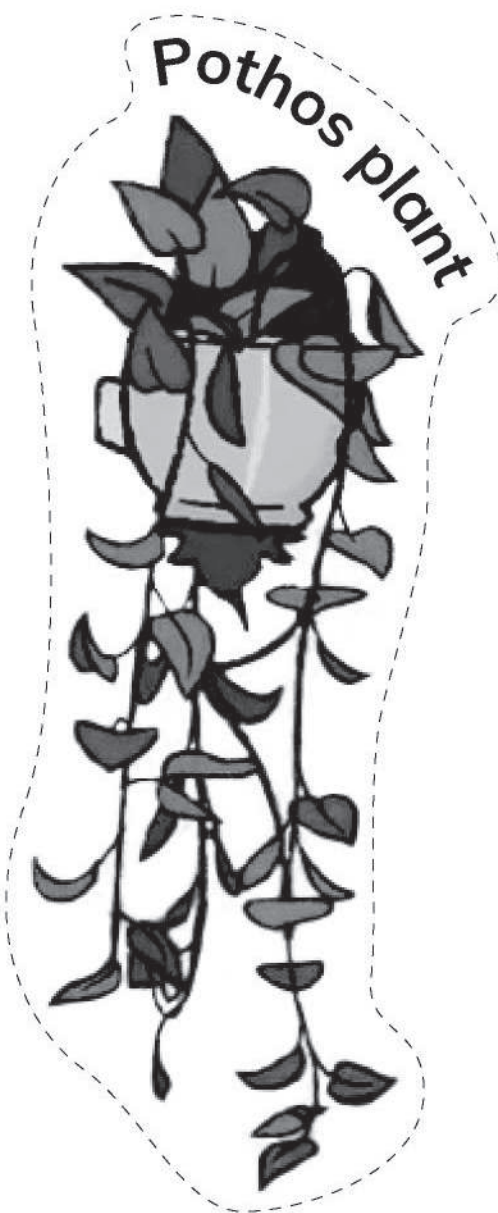
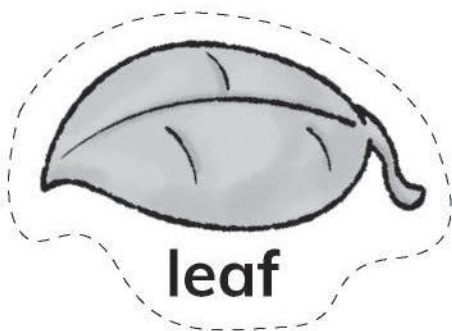
Cut out the pictures. Put the animals in one pile and the human-made objects that are missing a part in another. Then have your child complete the pictures by laying each human-made object over the animal that influenced its design.





## Comparing Plants: Storytelling Set

Color and cut the pictures to create your own storytelling (and re-telling) set. Take Elinor and her friends on brand new adventures and investigations!

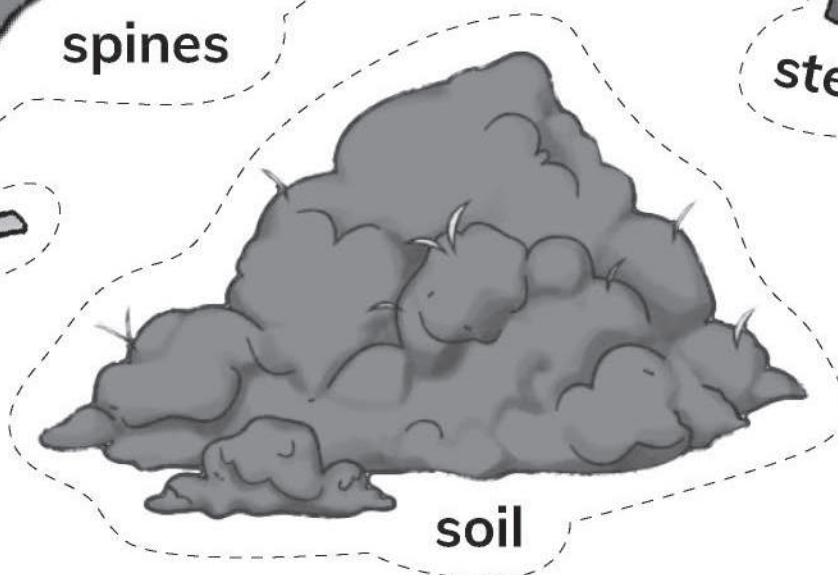
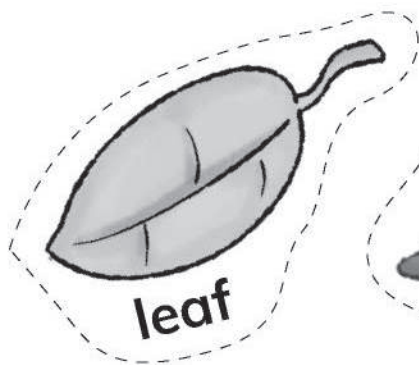
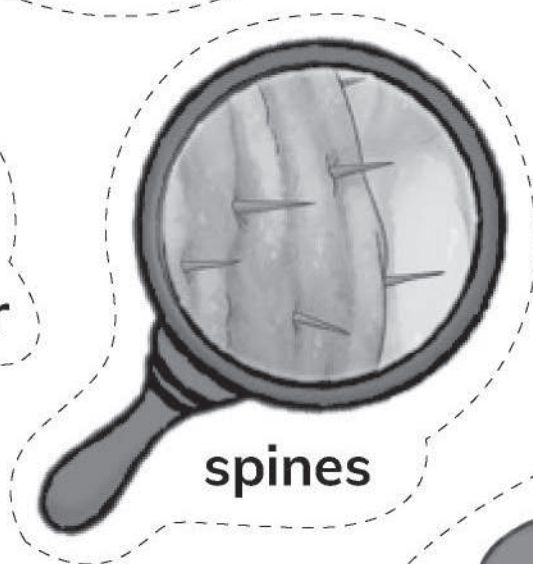
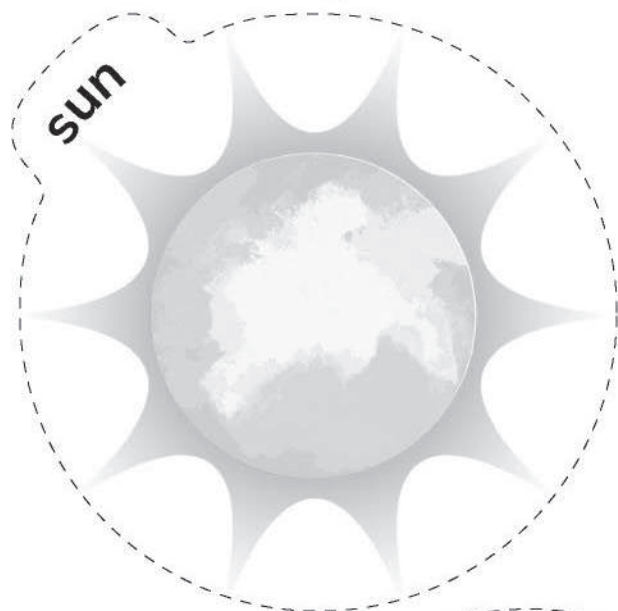


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# Comparing Plants: Storytelling Set



Find more games and activities at [pbskidsforparents.org](https://pbskidsforparents.org)





## Comparing Plants: Storytelling Set



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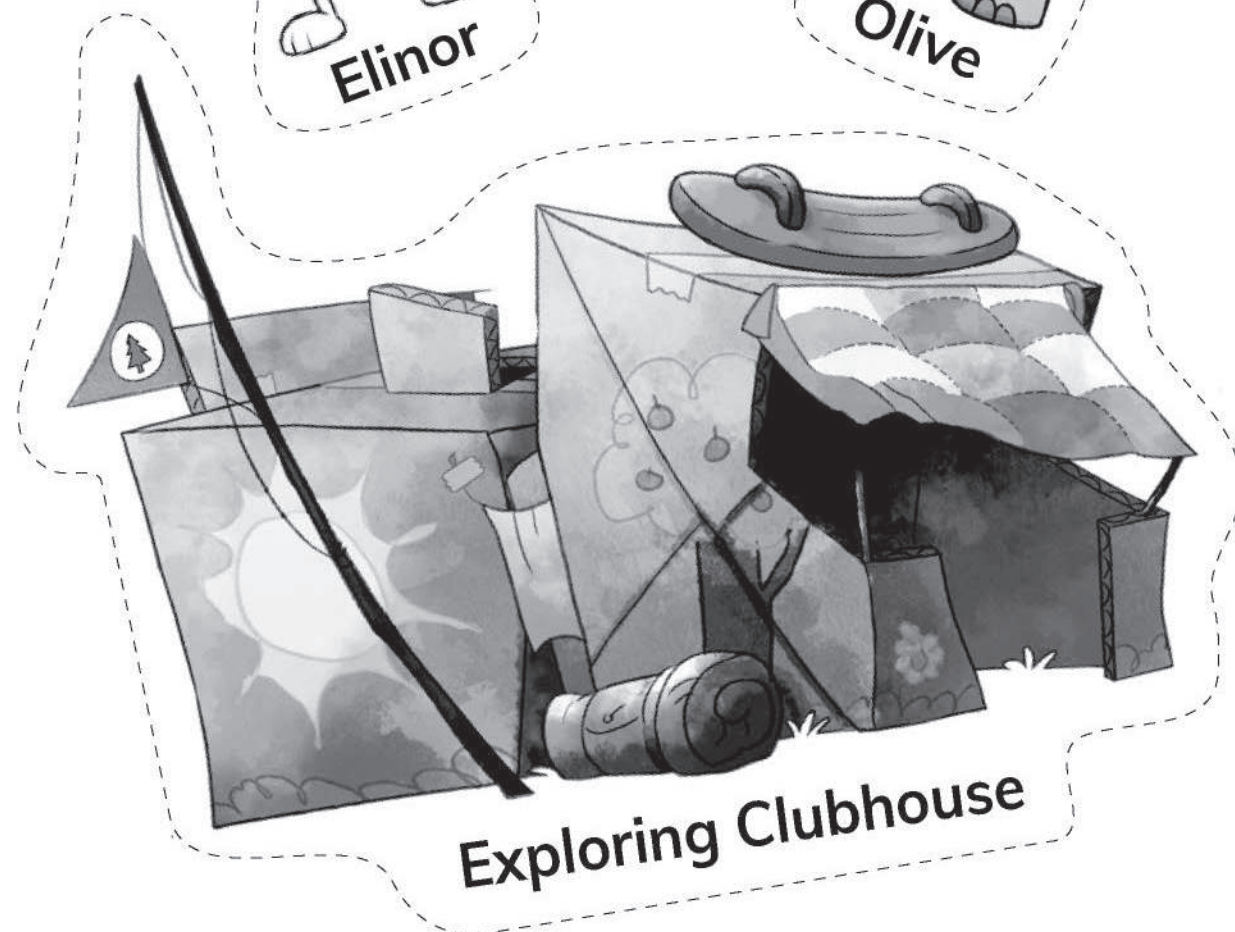
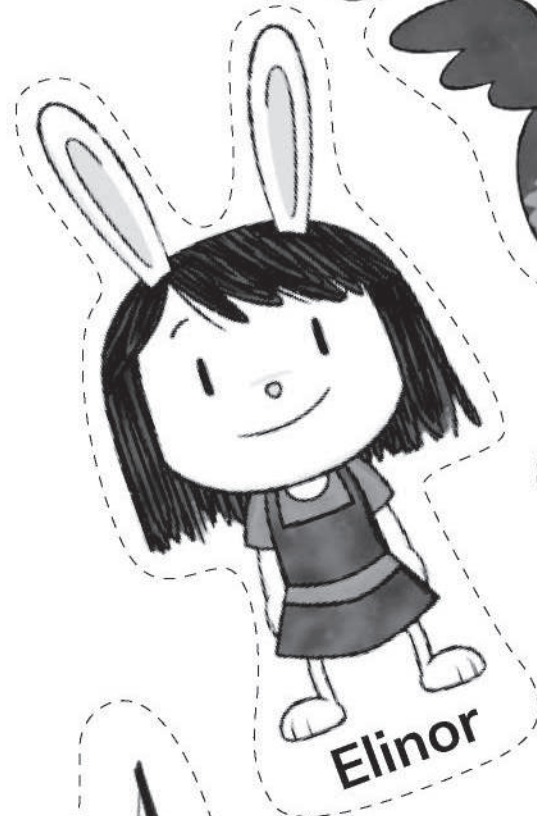
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# Comparing Plants: Storytelling Set



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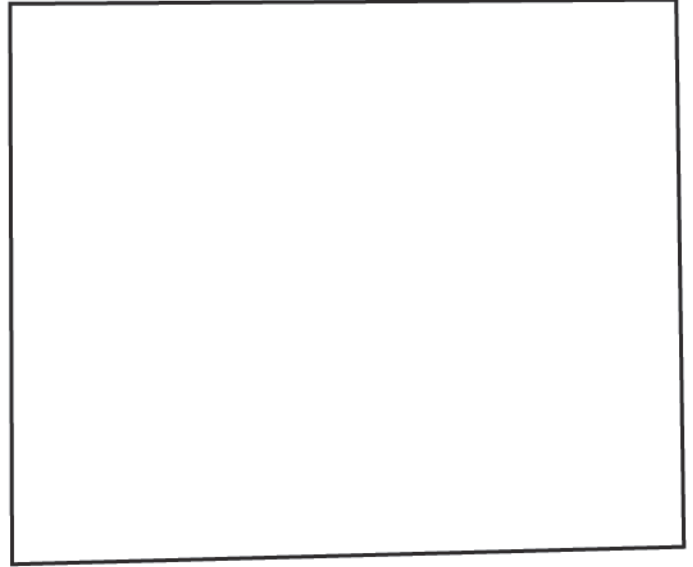
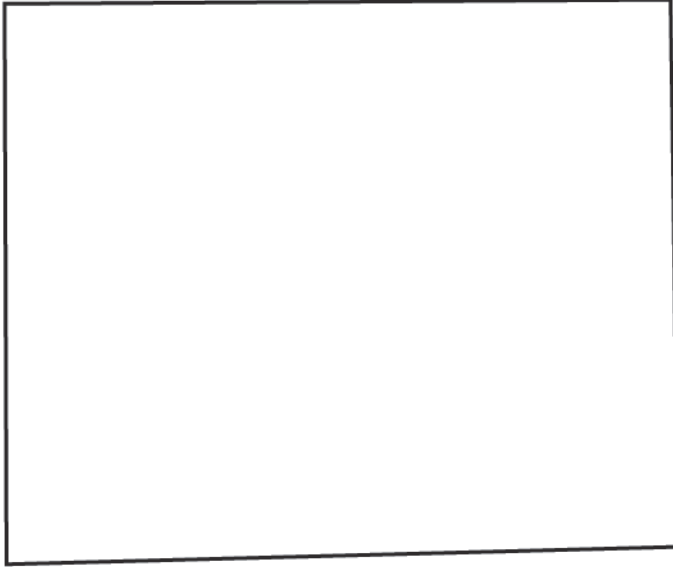


Name \_\_\_\_\_

# Nature Treasure Hunt

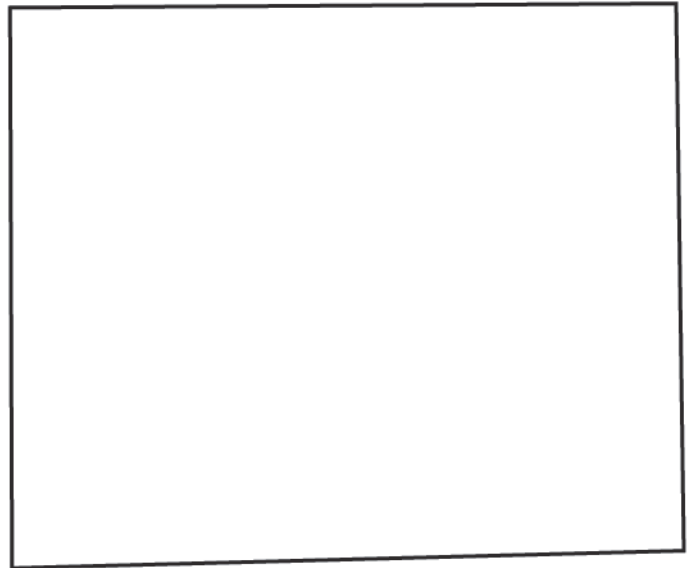
Find 2 different kinds of plants. Draw a picture of each one below. Pay attention to the shapes of leaves and colors of any flowers. How are they alike? How are they different?

## Plants I Found



Find 2 different kinds of animals. Draw a picture of each one below. Show as many details as you can. How are they alike? How are they different?

## Animals I Found



Tell someone else about something **NEW** you learned about a plant or an animal you observed.

Find more games and activities at **[pbskidsforparents.org](http://pbskidsforparents.org)**

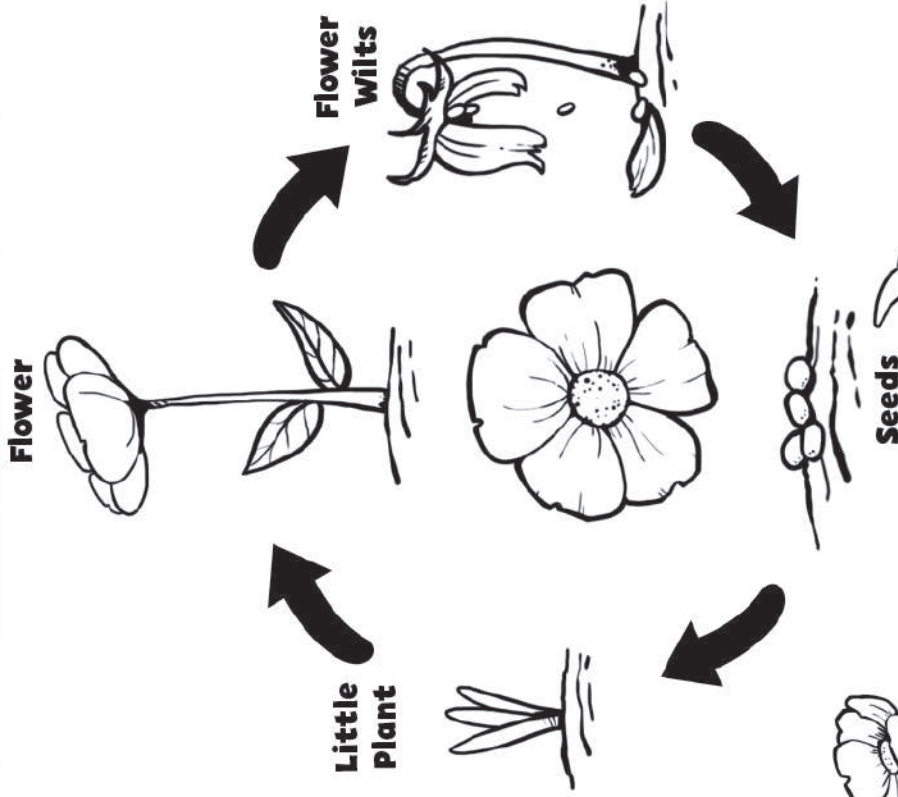


# Life Cycle of a Flower

Name \_\_\_\_\_

When Tiny goes on a **Nature Trackers** adventure to visit her favorite flowers, she is sad when she sees them wilting. Mr. Conductor shows her that every living thing changes during its life cycle.

Seeds grow into little plants. Then the plant grows flowers. When the flowers wilt, the petals and seeds drop to the ground where they can grow into new flowers!



**YOU can be a Nature Tracker too!**  
Observe what kinds of plants and flowers are growing in your neighborhood. Draw and write about them on the back side of this paper.

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Name \_\_\_\_\_

# Make Leaf and Bark Rubbings

## Instructions

1. You'll need one or more crayons with the labels removed, some cardboard or a clip board and some masking tape to help hold leaves or bark in place.
2. When you're walking outside, collect a few fallen leaves, some bark or other natural materials. It's best if you find leaves or bark where you can feel bumps or ridges.
3. Once you've found your leaves, bark or other items, use tape to secure the edges of the leaves, bark or other materials to the clipboard or cardboard so that they will stay in place while you make your rubbing.
4. Place this paper over the leaves and bark and lightly rub the side of the crayon over the surface of the paper, just hard enough so that the texture shows.
5. Write a list of words to describe how the leaf or bark feels or looks like.

## What You'll Need:

- **Trees**
- **Plain white paper**
- **Crayons with label removed**
- **Masking tape (optional)**
- **Cardboard or clipboard**
- **Paper bag for collecting leaves**



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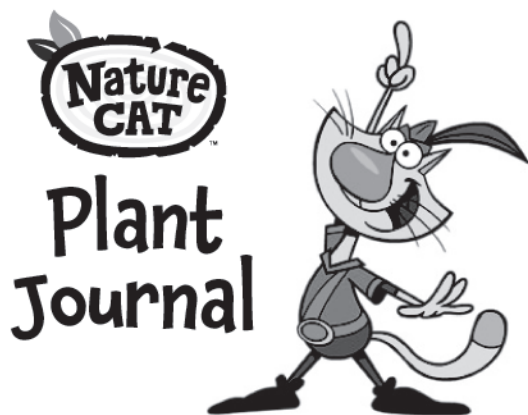


# Plant Journal

Create your own miniature garden and watch your plant grow. Use this journal to track the growth of your plant over the next few weeks.

**TALLY HO! LET'S HAVE FUN!**

1. Print out this plant journal.
2. Cut out the journal pages along the dotted lines so that you have 8 pages for your journal.
3. Stack all of the journal pages together so that they are in order pages 1 through 8.
4. Staple the top left corner of the pages to make a book.
5. Follow the directions on each page of the journal. Now you can use your journal to keep track of your plant as it grows.



## Plant Journal

(Name) \_\_\_\_\_

page 1

Today, I planted \_\_\_\_\_.  
(type of seed)

I put the seed in the soil  
and watered it.

My plant likes \_\_\_\_\_ sunlight,  
(a lot of/a little)

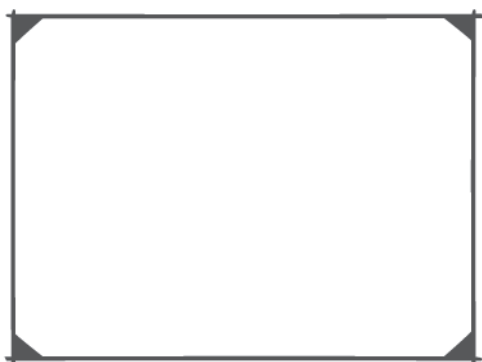
so I will put my plant

\_\_\_\_\_  
(outside/in a window sill/on a table)

I will water my plant

\_\_\_\_\_  
(how often the plant should be watered)

page 2



This is what my  
plant looked like  
on the day I planted it.

page 3



This is what my  
plant looked  
like after 3 days.

page 4



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# Plant Journal



This is what my plant looked like after 1 week.

page 5



This is what my plant looked like after 2 weeks.



page 6



This is what my plant looked like after 1 month.



page 7

Is your plant all grown up?

If it is a plant that would like to be outdoors, carefully move it to a nice spot in your yard or garden in the spring or summer. If it is a plant that would like to stay indoors, keep it on a sunny or well-lit windowsill or table. Remember to keep watering your plant.

Is your plant still sprouting? No problem!

Some seeds take longer to sprout and grow than others. It can take several weeks for your plant to sprout and start to grow. Keep giving your plant water and light.

Did your plant wilt quickly or never grow? It's okay!

Gardening takes practice. The plant may have gotten too much water, not enough water, not enough sunlight, or it was too hot or too cold. Sometimes plants will only grow in certain seasons. You can try again with new seeds.

page 8

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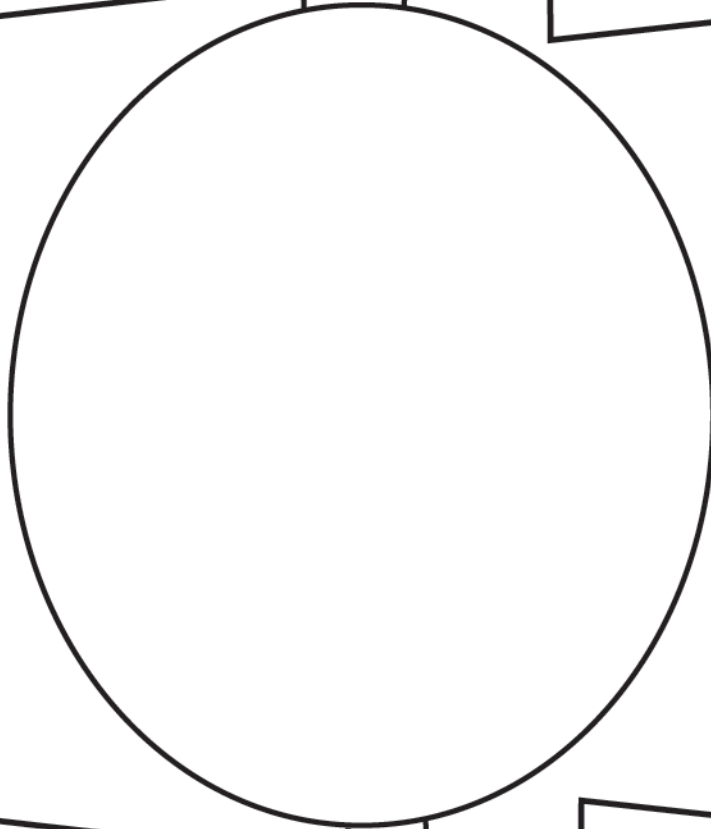
# Parts of a Plant

Name \_\_\_\_\_

**Choose a plant.** What does it look like? In each box, draw or write about the plant.

**Color**

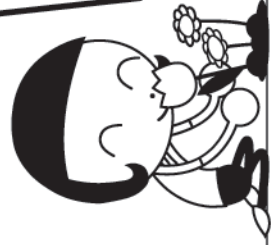
**Plant**



**Shape**

**Size**

**Texture**  
(How does it feel?)



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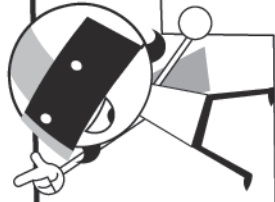
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# cloud Art

Name \_\_\_\_\_

**Look at the sky. Are there clouds out? What do they look like? Draw what you see.**



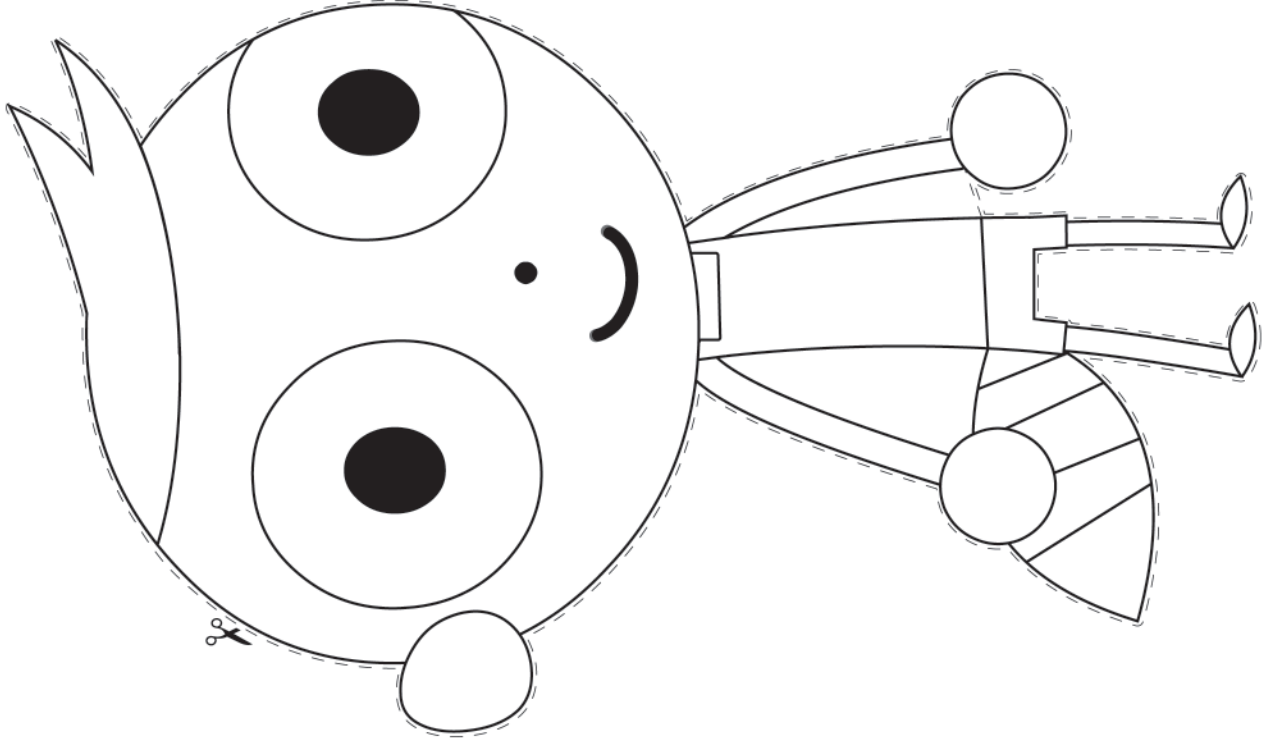
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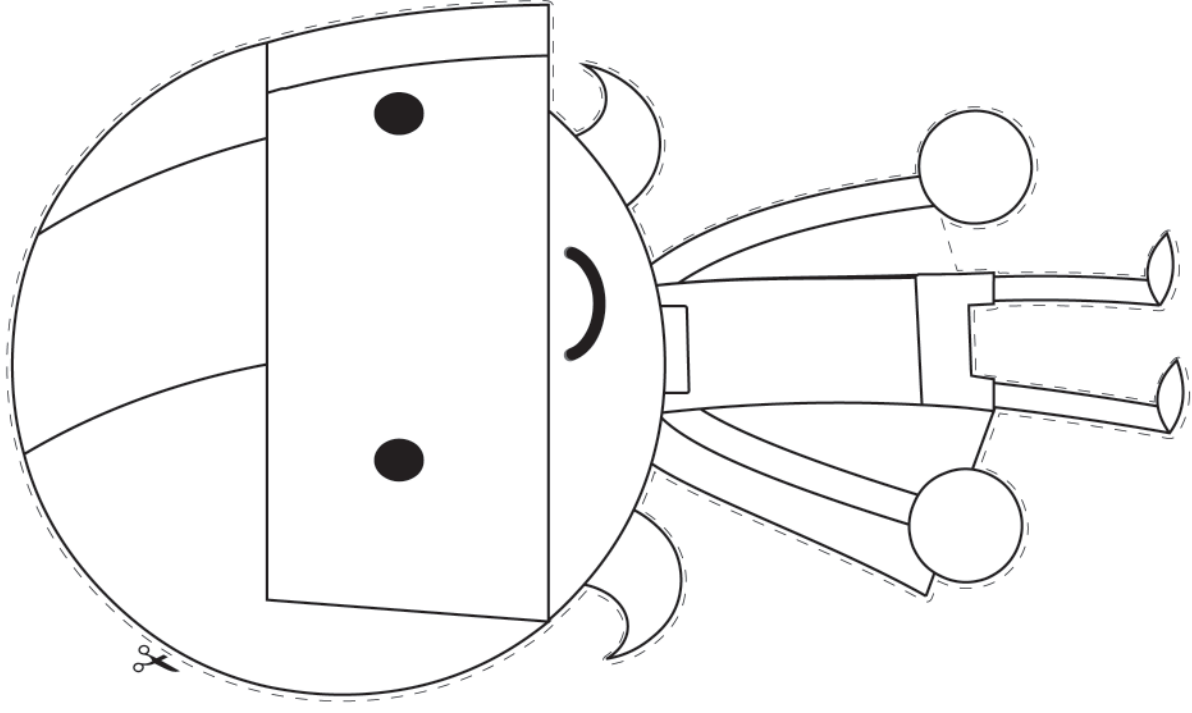


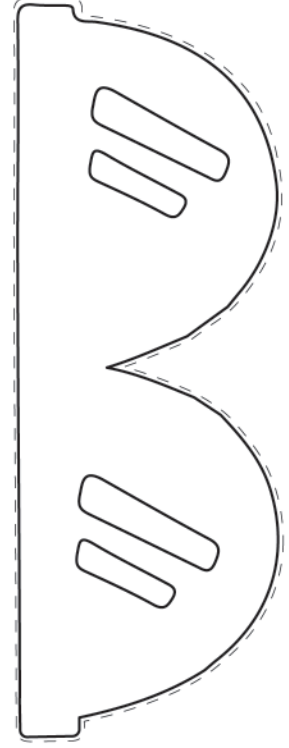
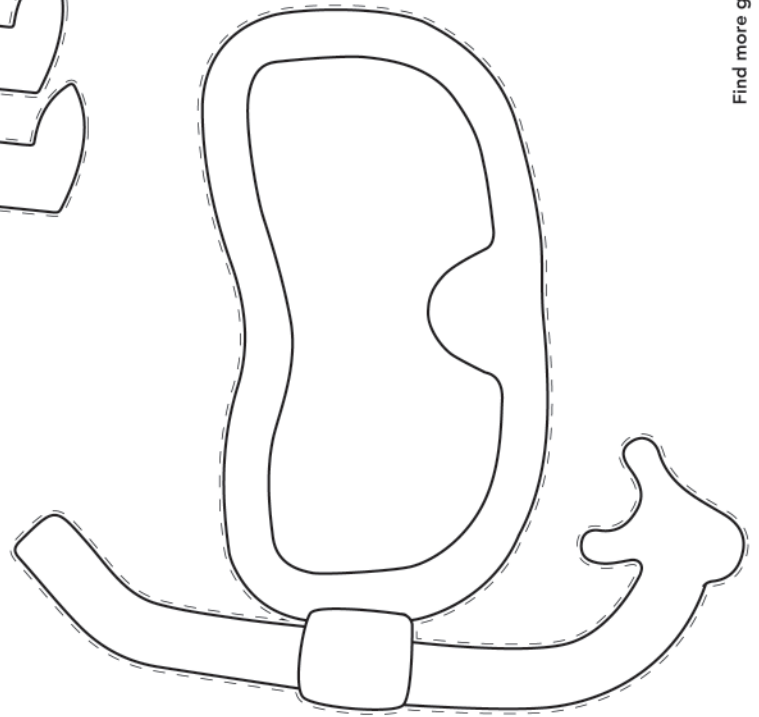
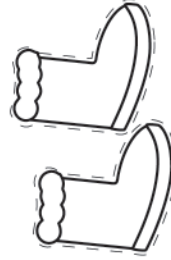
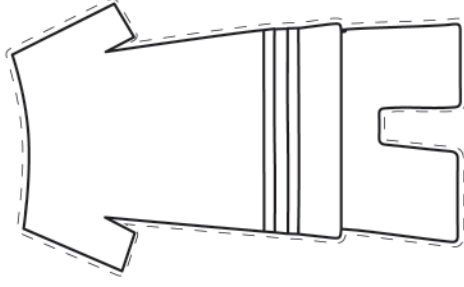
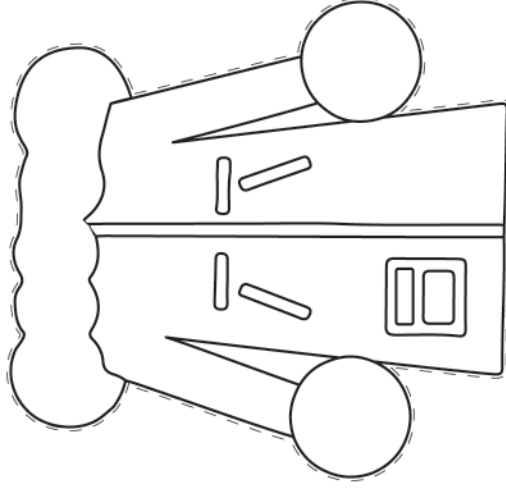
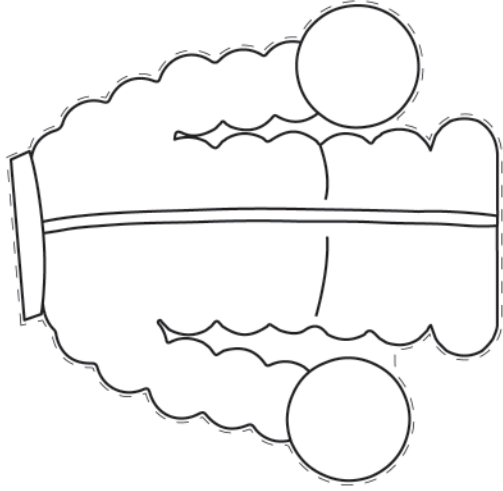
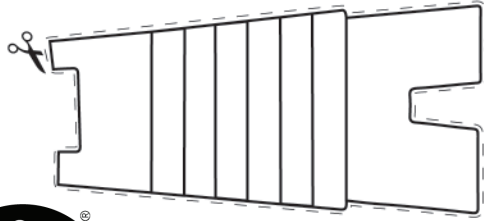
# Dressing for the Weather

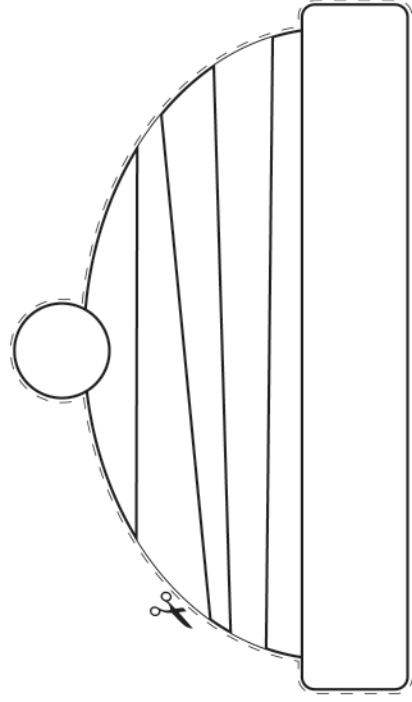
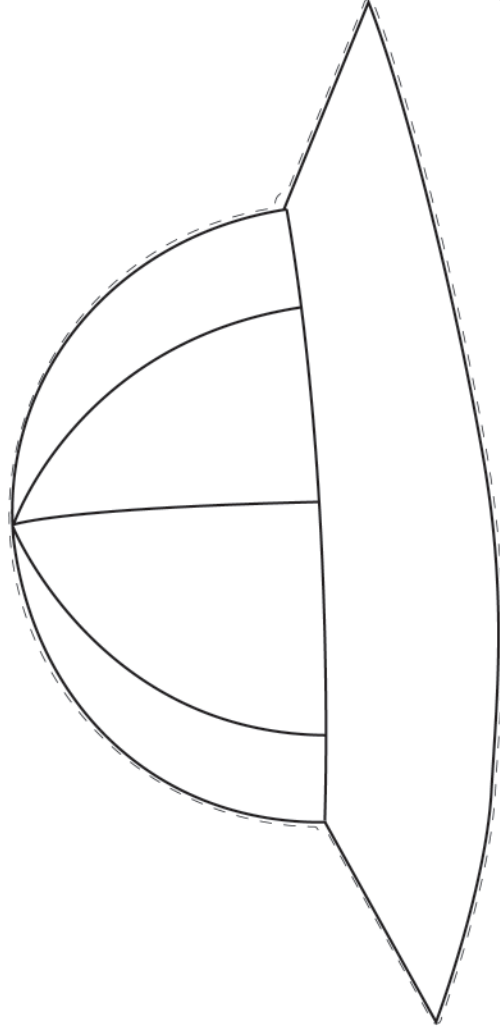
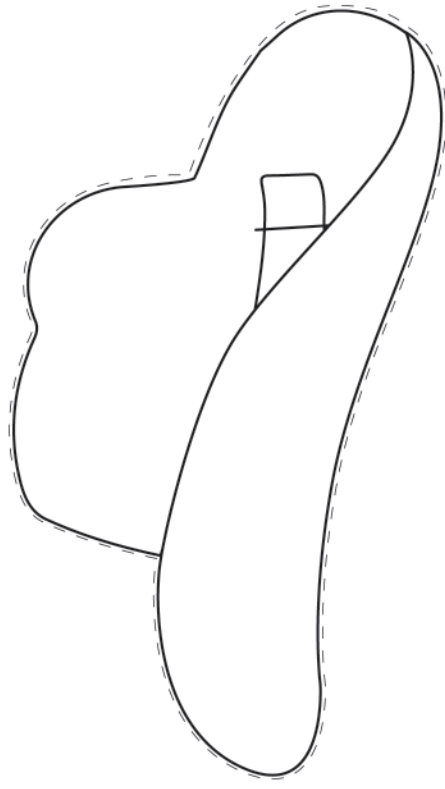
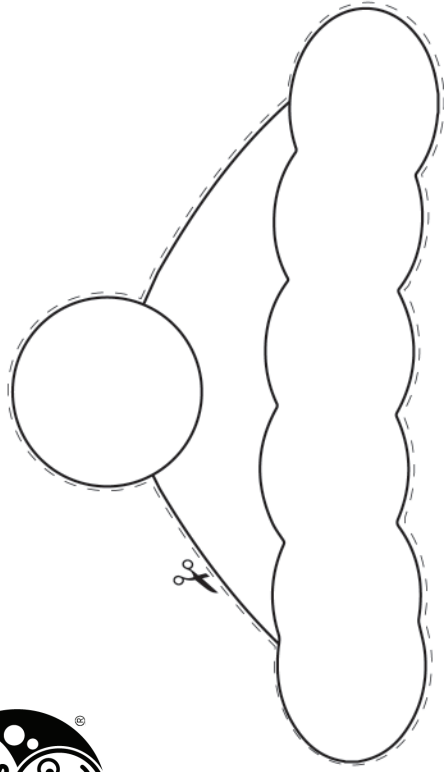
**Color the pictures.  
Then, cut along the  
dotted lines. Dress  
Del and Dee in their  
outfits.**



**Tell someone why  
the weather affects  
what they wear.**







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