



## Daisy Level Activity Facilitation Guide:

### Go on a Scavenger Hunt for Shapes

From the Shapes in Nature Badge (Step 1, Search for Shapes in Nature)

#### BEFORE YOU BEGIN:

Participants in this activity may not have any knowledge of Girl Scouts. As participants and their families arrive, share information about the Girl Scout Leadership Experience and the different kinds of experiences that Girl Scout Daisies can have. Answer questions about outdoor adventures, earning badges, service, making friends, and learning new skills with their troop sisters.

#### MATERIALS:

- Paper
- Crayons or markers
- Copies of the *Shapes Tally Chart* worksheets for each participant
- Access to an outdoor area or a window with a view of nature.
- Chart paper or whiteboard and marker

#### ARRIVAL:

Ask Daisies who arrive early to help you unpack and set up any snacks and activity materials for later. Explain that in Girl Scouts, everyone helps to set up and clean up after every meeting. Then, invite them to draw their favorite animal, flower, or other part of nature.

If participants are new to Girl Scouts, explain that Daisy badges take three steps to complete. The activity they're about to do is one step of the Daisy Shapes in Nature badge.

This activity is written to be accessible for both current and potential Daisies (grades K and 1), although throughout participants are referred to as Daisies.

#### WARM-UP AND WELLNESS:

Welcome Daisies to the meeting and have them gather in a circle. Ask, “When you’re outside, what do you like to do? Do you notice sights, sounds, or smells? What’s your favorite part of being outside? How does it make you feel?” Encourage Daisies to share what they like about nature.

### OPENING CEREMONY:

Explain that Girl Scout meetings all start with reciting the Promise and the Law together. Teach the Girl Scout sign and have them repeat the Girl Scout Promise and the Girl Scout Law after you.

### EXPLAIN (in your own words):

People like being outside for all kinds of reasons. Some like the fresh air and sunshine, rain or snow. Some like looking for certain animals or plants. Some like to walk, climb, bike, or swim. Nature offers something for everyone.

### ASK:

What’s your favorite object in nature? How would you describe it to someone else?

Let Daisies share their drawings from the Arrival Activity and ask them to describe the objects by their shape, color, size, etc. If any Daisy wasn’t able to draw their favorite natural object, that’s okay--they can share and describe it aloud now. Then show and go over the “Types of Shapes” on the **Shapes Tally Chart**. Draw each shape on the whiteboard or chart paper as you explain them to Daisies.

### SHARE (in your own words):

Explain that in this step, participants will look at nature. Nature is full of beautiful things, like rainbows, flowers, and leaves. **Natural objects** are things from nature, like plants, animals, mountains, lakes, sand, planets, and rocks. **Shapes** are important parts of math that you can find everywhere, including in nature. By looking carefully at or **observing** nature, you can find shapes of all kinds. In this activity, you’ll go on a scavenger hunt to search for shapes in nature.

### ACTIVITY: Go on an outdoor scavenger hunt.

1. Share photos of different natural objects.
2. Explain, “Some objects have more than one shape. It depends on how you look at them. From the side, the stem of a plant looks like a rectangle. It looks like a circle from the top.”
3. Ask them to point out any shapes they see in their drawings from the Arrival Activity or the photos.
4. Explain, “When you observe nature, you can draw **field notes** and use **tally marks** or lines to track what you find.” Show Daisies how to tally objects and let them practice counting and tallying items in your meeting space.

5. Next, take Daisies outside or have them go to a nearby window. Have them work individually or in pairs to find, draw, and tally shapes in natural objects on the **Shapes Tally Chart**.
6. After 15 minutes, ask Daisies to share the natural objects they found and count the number of tally marks they made for each shape. Create one large tally chart for the group on chart paper or the whiteboard by listing the shapes and tallying all the Daisies' answers.
7. Let Daisies practice counting the tally marks as you add them to the group's chart or have them add their own tally marks to the poster.

*For more fun:* Challenge Daisies to find other shapes, like a star or crescent.

### CLOSING:

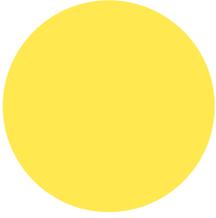
Form a Friendship Circle. Congratulate everyone on participating in this activity.

Ask, what part of today's meeting inspired you? What was the most fun? What did you notice or enjoy when you were observing nature? *Give all Daisies the opportunity to share their thoughts about the activities or observing nature.*

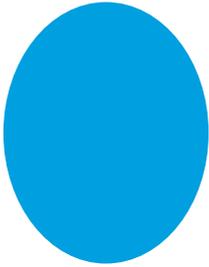
Then, teach them the Make New Friends song to end their time together. If there are meeting items to gather or areas to straighten up, ask everyone to choose a song and challenge them to tidy everything up before the song ends!

This activity can also be found in the Daisy Shapes in Nature meeting plan in the Volunteer Toolkit. Visit the Volunteer Toolkit to see how to earn the complete badge.

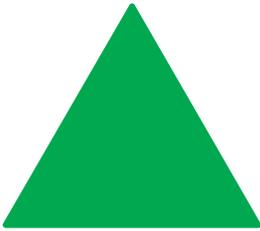
# Types of Shapes



A **circle** is a round shape with no points.



An **oval** is a curved shape. It looks like an egg or a squashed circle.



A **triangle** is a shape with three points. It has three sides.



A **square** is a shape with four points or corners. It has four equal sides.



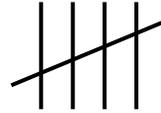
A **rectangle** is a shape with four points. It often has two shorter, equal sides and two longer, equal sides.

► **For more fun:** What other shapes can you find in nature?  
Maybe a star? Or a crescent like the moon?

# Shapes Tally Chart

*A tally mark is a line to help you count.*

*Five tally marks look like this:*



Shape	Draw what you saw	Tally what you saw
 Circle		
 Oval		
 Triangle		
 Square		
 Rectangle		

**When you're done, count up the tally marks:** \_\_\_\_\_

**Which shape did you find the most of?** \_\_\_\_\_

**Which shape did you find the fewest of?** \_\_\_\_\_

**Did you find any other shapes?** \_\_\_\_\_