



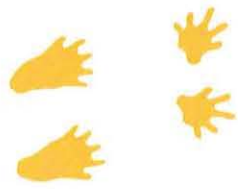
Meeting

16

Shapes & Sizes

Here are three fun activities that encourage Eager Beavers to play and explore with measurements. Adapt the activities to meet the needs of your Eager Beavers or create your own activities.





MEETING LENGTH

60-80 MINUTES

- Opening (5 minutes)
- Grandma Ellen Stories (10 minutes)
- Activities (40-60 minutes)
- Closing (5 minutes)

Opening

Using a beaver puppet, greet each of the children by name and welcome them all to Eager Beavers. Have the children sit in a circle and recite the first part of the fifth commandment: "Honor your father and mother" (Exodus 20:12).

5

MINUTES



Listen to a story about Ellen White.

CHIP COMPLETED

SHAPES
& SIZES



Grandma Ellen Stories

10

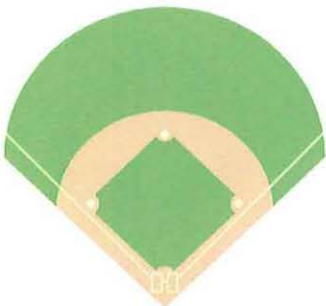
MINUTES

LEARNING TO PLAY BASEBALL

While holding a baseball and bat, ask the children if they like to play baseball. Then tell them that Grandma Ellen wanted all of her grandchildren to learn to play baseball. Read 71-72 of *Grandma Ellen and Me* (Miller, 2000). On a dry erasable board or a large sheet of paper, draw the bases of a baseball diamond. Ask the children if they know why this is called a baseball diamond. Draw a line between each of the bases and then explain to the children that this shape is a diamond. Next, share with the children that shapes are all around them and that they will be learning more about shapes and sizes during Eager Beavers.

MATERIALS NEEDED

- *Grandma Ellen and Me* by Mabel R. Miller (Pacific Press, 2000)
- Baseball bat
- Baseball
- Dry erase board or large sheet of paper
- Marker





The following activities fulfill the requirements for the Shapes & Sizes chip.

Measuring Up

15

MINUTES

WHAT YOU DO

Ahead of time: On the wall and floor, mark the measurements of several animals. Tape a picture of the animal next to the measurement. Assign an adult with a measuring tape/yardstick to each animal measurement.

Begin by sharing some pictures of animals and discussing their size. Then have the children go to each animal and compare their size to that of the animal.

1

ACTIVITY

MATERIALS NEEDED

- Pictures of animals
- Measuring tape or yardsticks
- Tape

Animal Sizes

Baby African Elephant	3 ft (1 m) tall
Baby Giraffe	6 ft (2 m) tall
Baby Hippopotamus	18 in (46 cm) tall
American Alligator	12 ft (3.5 m) long
Saltwater Crocodile	20 ft (6 m) long
Congo Dwarf Crocodile	3.5 ft (1 m) long
Golden Retriever	24 in (61 cm) tall
Great Dane	38 in (96.5 cm) tall
Chihuahua	9 in (23 cm) tall
Gorilla	6 ft (2 m) tall
Chimpanzee	5 ft (1.5 m) tall
Pygmy Marmoset (monkey)	3.5 in (9 cm) long
Boa Constrictor	10 ft (3 m) long
Hummingbird	3.5 in (9 cm) (from tip of tail to tip of beak)
Ostrich	9 ft (3 m) tall
Blue Heron	4 ft (1 m) tall

After the children have been measured against each animal, talk about which animals are the biggest and smallest.



ACTIVITY

2

Animal Shapes

15

MINUTES

WHAT YOU DO

This activity uses shapes to create animals. For this activity, you can create the shapes several different ways.

MATERIALS NEEDED

- Safety scissors
- Craft glue
- Construction paper
- Crayons or pencils
- Animal Shapes Patterns (see pp. 174-177 or Pinterest)

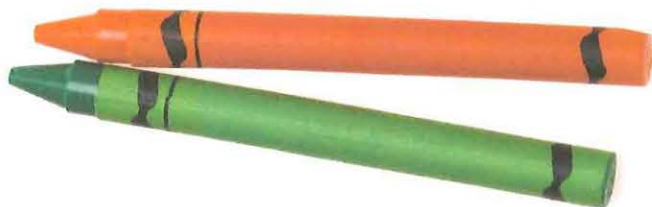
OPTION 1

The children cut out the shapes and glue them together. This option requires very little drawing but a lot of cutting.



OPTION 2

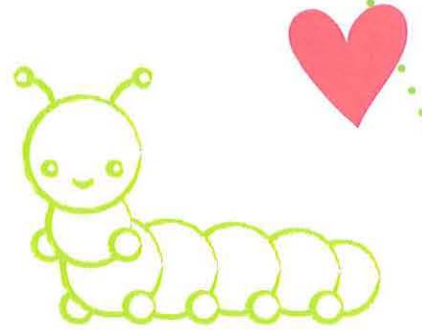
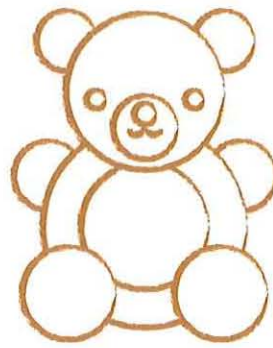
The children glue pre-cut shapes together. This option requires no cutting and very little drawing.





OPTION 3

The children draw the shapes. This options requires no cutting but does require a lot of drawing.



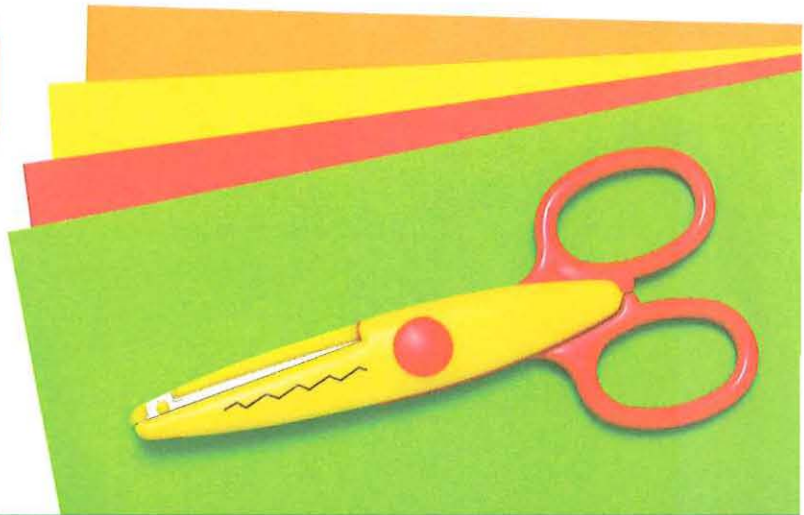
The following directions are for Option 2. You can modify these directions for Options 1 and 3.

Show the children a completed picture of one of the animal shapes. Ask them to identify the shapes they see. Then give them the shapes that they will need to make the animal. Model how to glue each shape onto a piece of construction paper until the animal is assembled. Then have the children draw any details that have been omitted. Once the children have assembled all of the animals, have them draw all of the shapes they used on a piece of construction paper. Stack each child's pictures together with their drawings of shapes on the top. Have an adult staple the edges of one side to create a book for each child.





Find the **Animal Shapes Patterns** at [Pinterest.com/AdventSource](https://www.pinterest.com/AdventSource)





ACTIVITY

3

Follow the Shapes

15

MINUTES

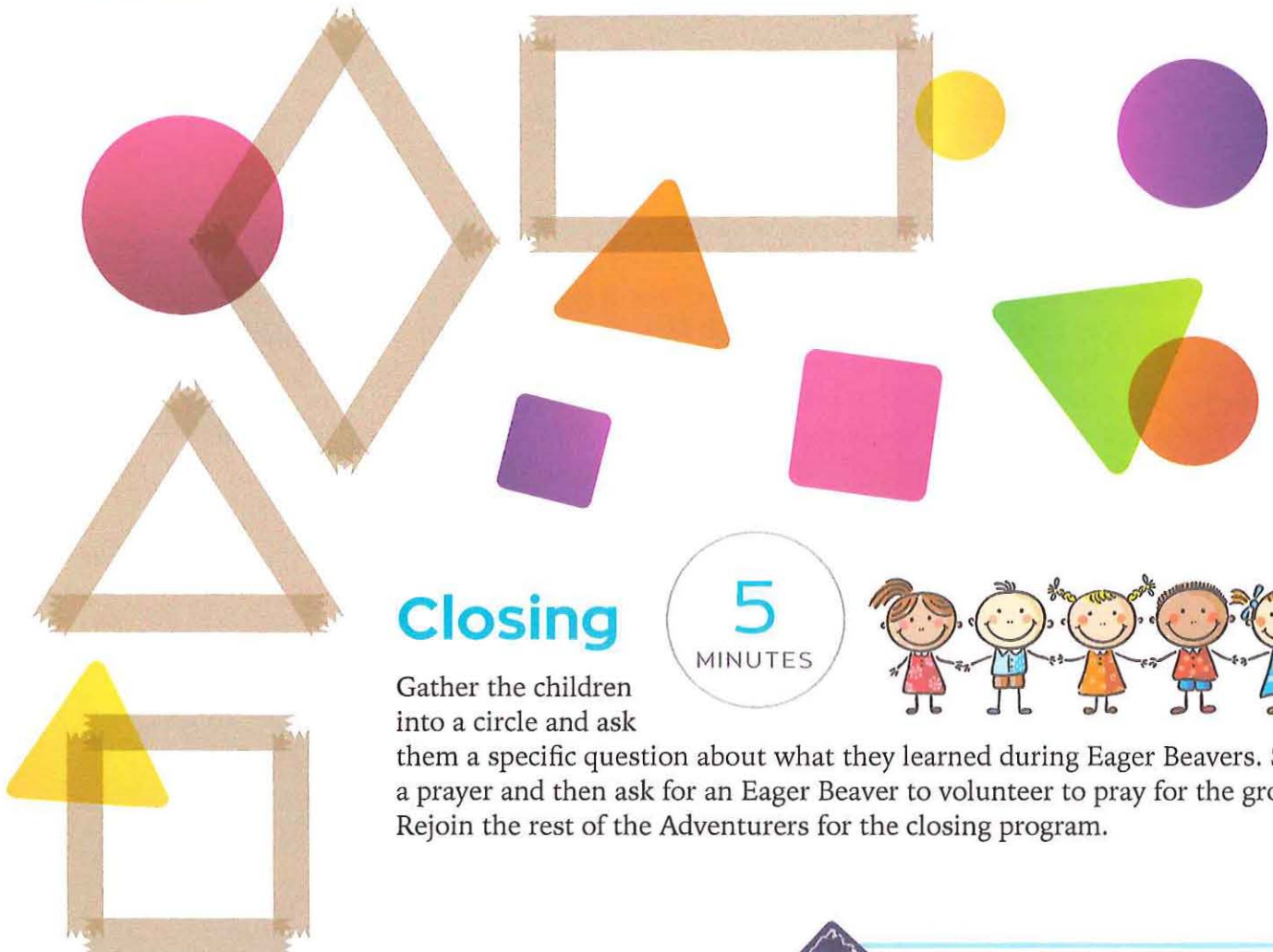
WHAT YOU DO

Ahead of time: On the floor, use masking tape to outline large triangles, circles, squares, rectangles, ovals, and diamonds.

Show the children a picture of each of the shapes and tell them the name for each shape. Have the children follow the outline of each shape by first walking along the outline, then hopping around the outline, and then crawling. When they are done following the shape outlines, again show the pictures of the shapes. This time ask the children to name the shapes.

MATERIALS NEEDED

- Pictures of shapes: oval, circle, square, rectangle, diamond, triangle
- Masking tape



Closing

5

MINUTES

Gather the children into a circle and ask

them a specific question about what they learned during Eager Beavers. Say a prayer and then ask for an Eager Beaver to volunteer to pray for the group. Rejoin the rest of the Adventurers for the closing program.



Chip: Shapes & Sizes