

# Circles in Your Imagination


## Kindergarten: Math

VISUALIZATION

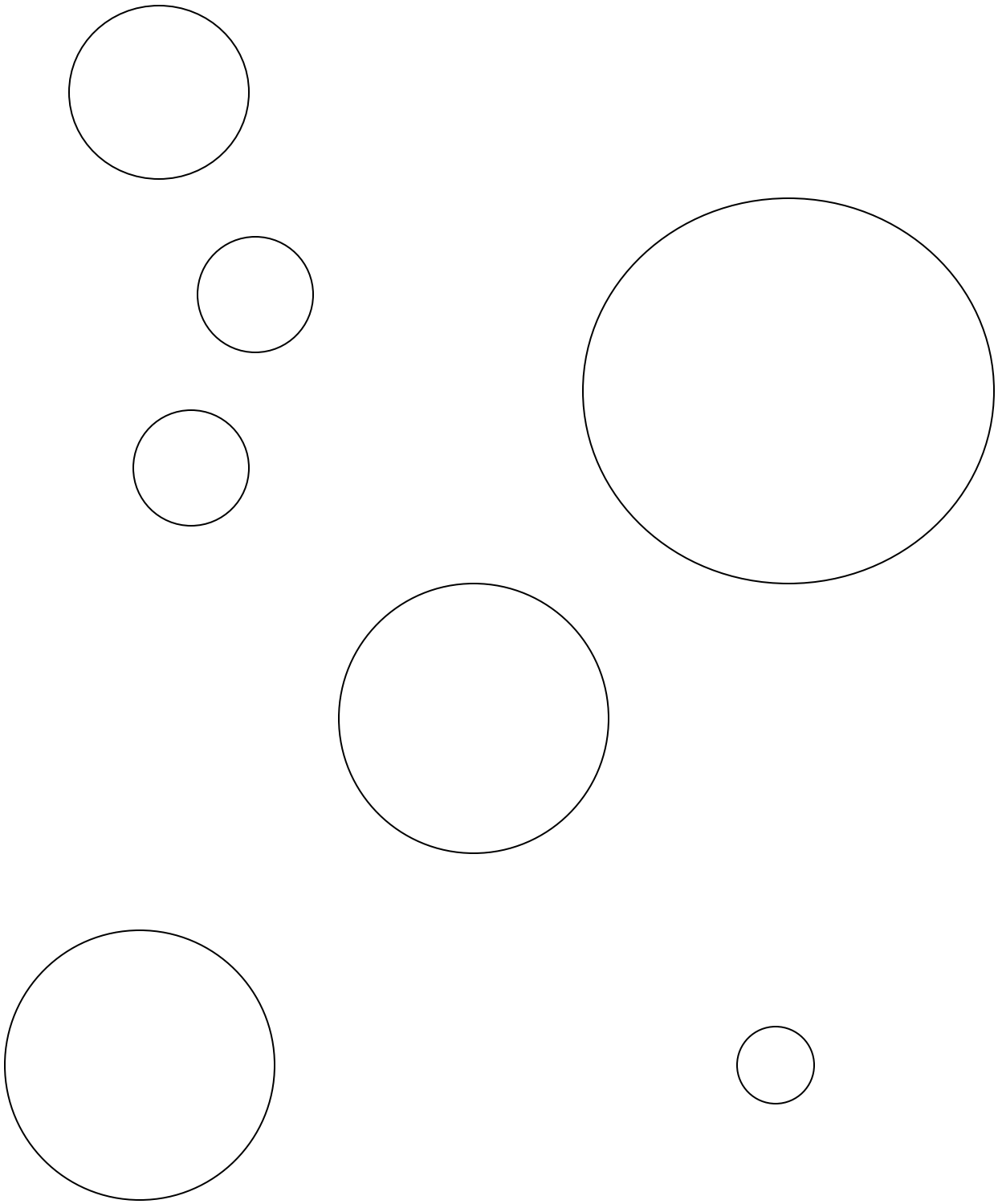


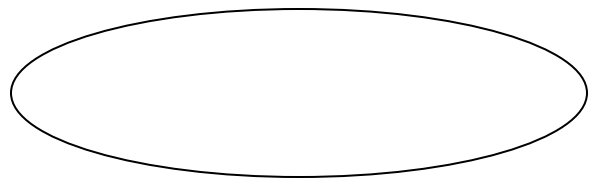
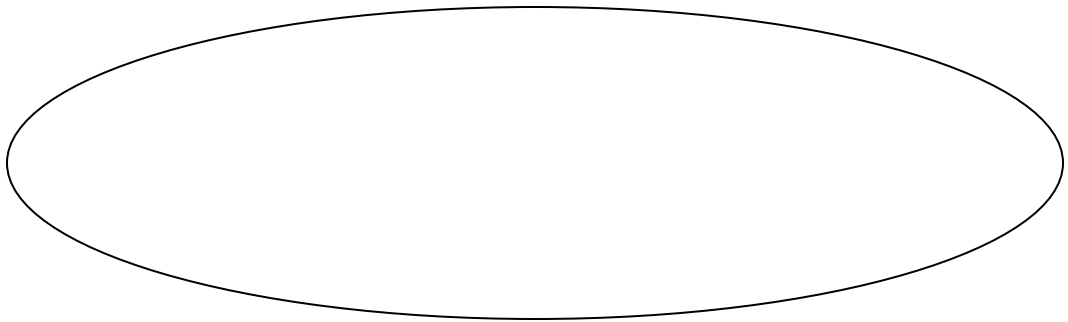
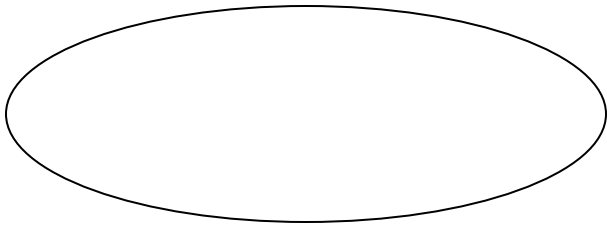
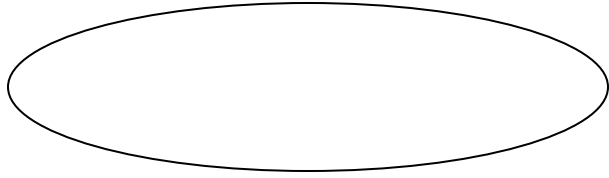
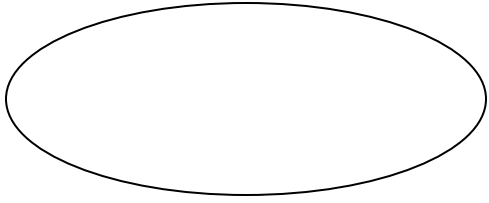
**Gifted Behaviors to look for:**

- Perceptive –*
- Resourceful –*
- Creative - Resilient*

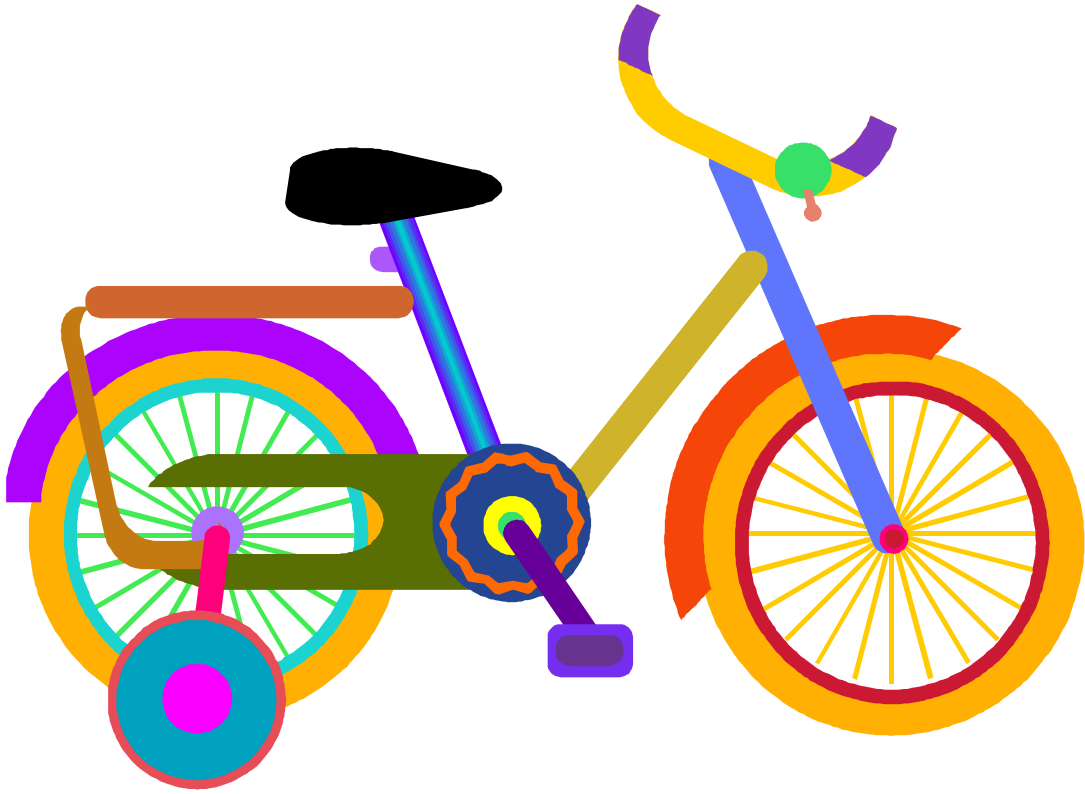
<b>Materials</b>	 PowerPoint Circle/Oval Activity Sheets
<b>ESOL Accommodations</b>	Visual aids provided for the Engage and Educate portion of the lesson
<b>Marzano Strategy</b>	Nonlinguistic Representations
<b>Patterns of Thinking</b>	RELATIONSHIPS

<b>Link</b>	We have been learning about geometric plane shapes. ( <i>Ask students to name a geometric plane shape.</i> ) Today we are going to look at the shapes that make the things around us.
	<b>Assessment:</b> Listen for students who have background knowledge on geometric figures and can recall the names of the figures.
<b>Engage and Educate</b>	<p><b>Ask:</b></p> <ul style="list-style-type: none"> <li>• “What shapes can you find in our classroom?”</li> <li>• “Use your hands to make a circle. Look through your circle lens.”</li> <li>• “What round things do you see?”</li> <li>• “What is the biggest circle you can find?”</li> <li>• “What is the smallest circle you can find?”</li> <li>• “What circles would fit in your hand?”</li> </ul> <p>Share the ESOL visual pictures and/or <i>Around the Park: A Book About Circles</i> by Christianne Jones. <b>Ask</b>, “Can you name circles that people use?” (wheel, sun, pizza, globe, etc.) <b>Say</b>, “Imagine lots and lots of round things in your mind. Describe what you see. What’s a really large round thing? What’s the smallest round thing you see in your mind?” Show a ball. <b>Say</b>, “Use your imagination. What else could this be?” OR share PowerPoint.</p>
	<b>Assessment:</b> “Perceptive” students might name objects beyond the obvious such as naming a circle as the “face of a cylinder” as opposed to naming a “ball.” “Resilient” students will stick with the activity even if they find the activity challenging.
<b>Active Learning</b>	Distribute circle sheets and crayons. Ask students to use their imagination to make a picture using the 7 circles. Challenge them to think of some ideas that no one else will.
	<b>Extension(s):</b> (1) Use oval sheets in addition to the circle sheets. (2) Create a class PMI chart about a traditionally square or triangle object and what might happen if it was shaped like a circle instead. For example, a door in the shape of a circle or a cup in the shape of a triangle.
	<b>Assessment:</b> “Creative” work samples might include all 7 circles in one picture or will use at least two circles together to make a picture.
<b>Reflect</b>	Allow students to share their work with the class and explain the pictures they created. <b>Ask</b> , “What do the circles represent in your picture? Did you use all of the circles? Does your picture tell a story?”
<b>Now and Then</b>	Remind students about the geometric plane shapes studied previously. <b>Say</b> , “We will compare the shapes of geometric plane shapes to find similarities and differences among them.”

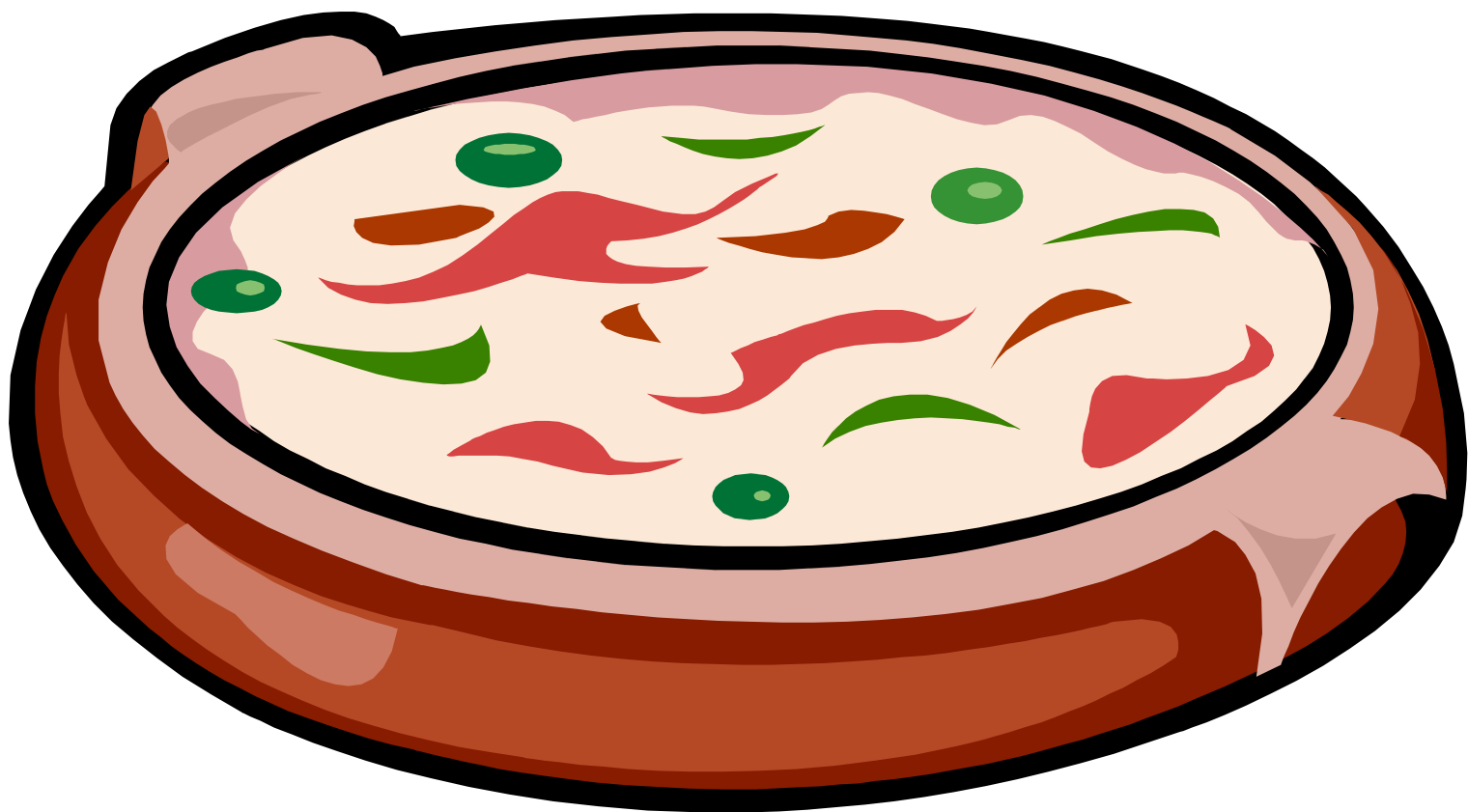




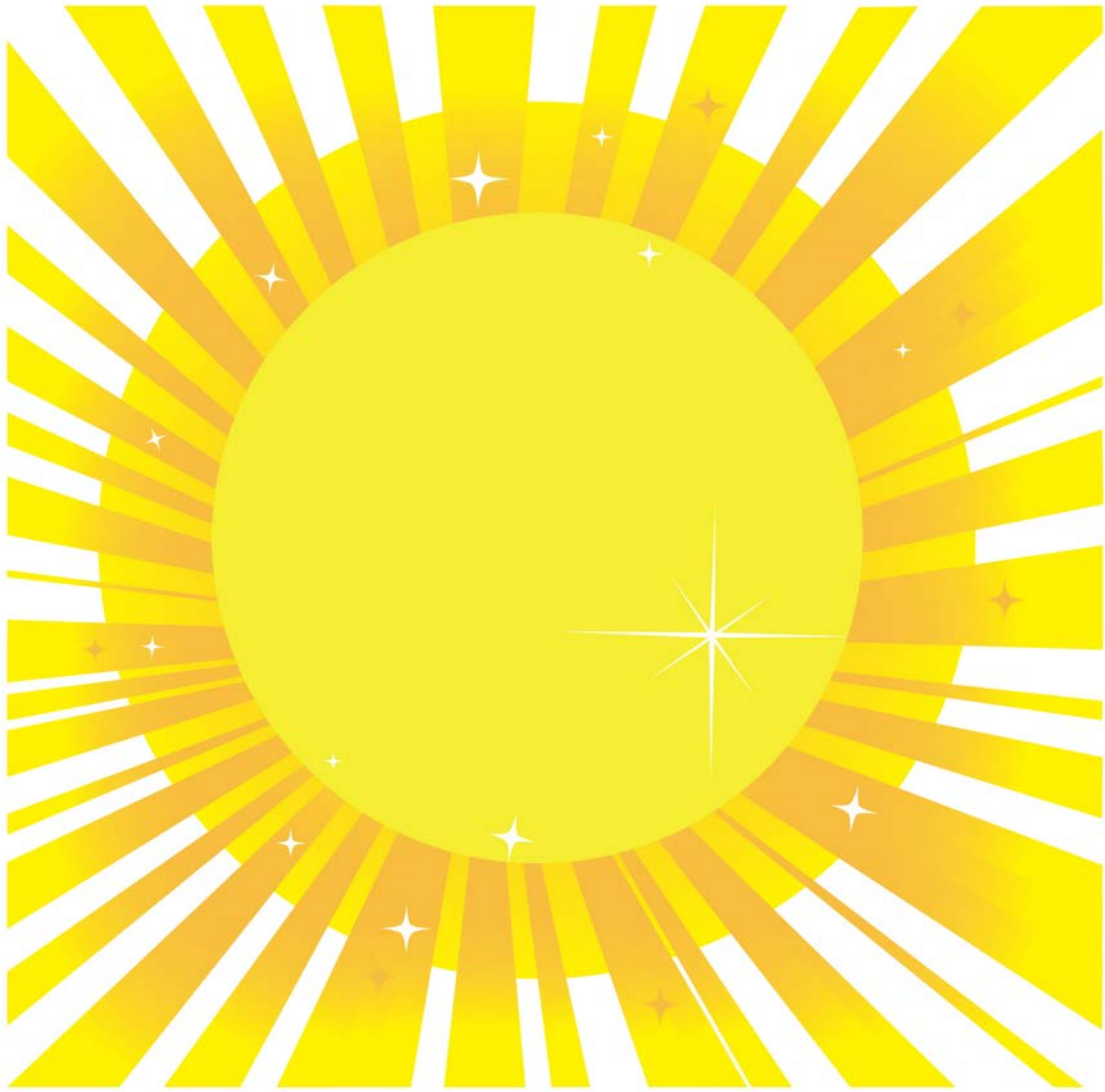
# Circles in Your Imagination



wheel



pizza

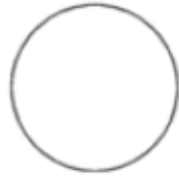


picture of the  
sun





# So many shapes...



circle



square



triangle



rectangle



oval



circle



triangle - 3 sides



square - 4 sides



rectangle - 4 sides



pentagon - 5 sides



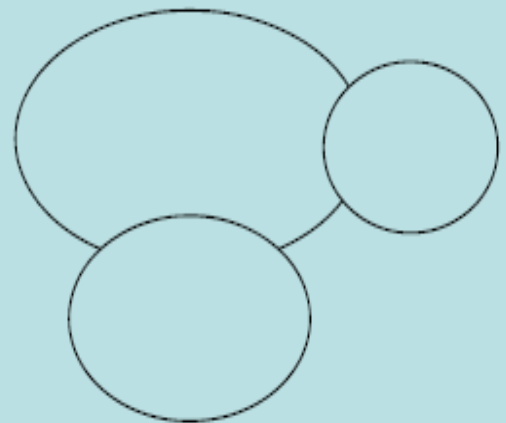
hexagon - 6 sides

# Circles in Your Classroom

Look around ... do you see any circles?

What is the biggest circle you see?

What is the smallest circle you see?



# Circles at Home



Where are there circles at home?

In your bedroom?

In the kitchen?

In the bathroom?



# Circles in Nature

Have you seen circles outside?

What circles can you see during the day?

What circles might you see at night?