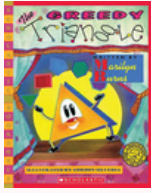


READ-ALoud CONNECTIONS



Your child is learning that shapes are defined by their number of sides and vertices (corners). This book, *The Greedy Triangle* by Marilyn Burns, will support their learning by showing how adding just one angle can change a shape's whole identity!

Before Reading:

Activity	Parent Prompt
Shape Hunt	Look around the room. Can you find a triangle? How do you know it's a triangle? (Count the sides and corners together). How about a square? <i>(continue with other shapes, as appropriate)</i>

During Reading:

Activity	Parent Prompt
Predicting the Shift	The triangle just asked for another side! If it had 3 and it gets 1 more, what is it now? Can you find the new shape in the pictures?

After Reading:

Activity	Parent Prompt
The Shape's Secret Diary	If you were a shape, would you be 'greedy' for more sides? Let's write a letter to the Shapeshifter explaining why you like your current sides and angles.
Celebrate the Author	Let's display your letter on the fridge! We can read it out loud for your Author's Chair moment. Did you use two reasons to support your writing?

Bonus Connections: Create hands-on memories that reinforce the story's topic of geometry.

Activity	Directions
Craft: "The Shape-Shifter Stained Glass"	<p>Supplies: A piece of white cardstock or a paper plate, a black marker (to represent the "lead" in stained glass), crayons, markers, or watercolors, and a ruler or straight edge.</p> <p>The Activity:</p> <ol style="list-style-type: none">1. The "Greedy" Lines: Have your child draw 5-8 straight lines across the paper in different directions, going from one edge of the paper to the other. Use a ruler to make sure the sides are perfectly straight!2. The Shape Search: Look at the "shards" created by the intersecting lines.<ul style="list-style-type: none">◦ Identify & Color: Find all the Triangles (3 sides) and color them one color (e.g., yellow). Find all the Quadrilaterals (4 sides) and color them another (e.g., blue). Find any Pentagons or Hexagons (5 or 6 sides) and color them a third color (e.g., red).3. The Border: Trace the final outside edge of the paper. Is the whole paper a polygon? (Usually a rectangle/quadrilateral!). <p>Parent Prompt : "Look at how many triangles you made just by crossing two lines! If we put these two triangles together, what new shape do they make? This is like the Shapeshifter—when we add lines and angles, the 'Greedy Triangle' turns into something completely new."</p>
Food: Cracker Geometry	Use square crackers. Challenge your child to nibble one "vertex" (corner) off to see if they can turn the 4-sided square into a 5-sided pentagon! Try to make a shape from the book using a round cracker!

Explore more!	<i>How this works...</i>
"Attribute" Detective: Go on a walk and find a polygon with more than 4 sides (like a stop sign).	It helps children recognize that geometry isn't just in a book; it's the "math of the world."
The "Human Shape" Game: Use a piece of string or yarn to make a large loop. Have family members hold parts of the string to create triangles, squares, and hexagons.	This kinesthetic activity reinforces that more vertices = more sides.



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