



Lesson Objective: Children will learn to identify the names and characteristics of the four sided shapes: rhombus, trapezoid, square, rectangle, diamond, and polygons with 5, 6, 7, 8, 9, and 10 sides.

Song: Crazy Polygon Shapes

Lesson Includes:

- Lesson Script (1 page)
- Mp3 Song
- Lyrics And Movements Page (1 page)
- Visual Aids (10 pages)
- Bridging Activity (5 pages)
- Activity Sheet (1 page)
- Parent Guide (1 page)
- Home Activity (3 pages)
- Movement Video (Mp4 Video)
- BONUS: Reader Video (Mp4 Video)

Early Learning Strands:

- Geometric Properties (identify shapes)

Academic Vocabulary: shapes, polygons, square, rectangle, rhombus, trapezoid, pentagon, hexagon, heptagon, octagon, nonagon, decagon

Sight Words (Dolch/Brigance): what, you, do, when, at, a, how, can, if, there, four, and, all, the, are, say, to, be, like, know, it, is, will, down, just, over, but, now, see, are, that, so

Teaching Strategies:

- Academic Vocabulary
- Rhyming

Movement Strategies:

- Free Movement
- Gross Motor
- Song Manipulative

Additional Supplies Needed:

- None



Crazy Polygon Shapes

Lyrics & Music By: Zach Burba; Performed By: Zach Burba

<u>LYRICS</u>	<u>MOVEMENTS</u>
<p><i>Music Introduction. . .</i></p> <p>What are you gonna do when you're looking at a square? How can you tell if it's even there? Just count four total sides and they're all the same length. Talking about four crazy sides and four boogie woogie shapes.</p>	<p>Have the children stand in a large circle with their shapes on the floor in front of them. Do free movement with the music.</p> <p>Pick up the square shape and hold it up high over head with one hand and hold four fingers up with the other hand.</p> <p>Wiggle hips down to the ground on "boogie woogie shapes."</p>
<p>What are you going to do when you find a rectangle? What are you going to say? How are you going to be able? Well, it looks like a square, but it got all stretched out! We've got four crazy sides and four boogie woogie shapes.</p>	<p>Pick up the rectangle shape and hold it up high over head with one hand and hold four fingers up with the other hand.</p> <p>Wiggle hips down to the ground on "boogie woogie shapes."</p>
<p>How can you tell if there's a rhombus around? Will you know what it is or will you get let down? Yeah, it's kinda of like a square that's just fallin' over! We're talking four crazy sides and four boogie woogie shapes.</p>	<p>Pick up the rhombus shape and hold it up high over head with one hand and hold four fingers up with the other hand.</p> <p>Everyone wiggle hips down to the ground on "boogie woogie shapes."</p>
<p>What can you do about a trapezoid shape? Will you figure it out or will you throw it away? It's got four sides like the others but it looks like a volcano! We're talking four crazy sides and four boogie woogie woogie shapes. Whoo! Break it down now . . . whoo!</p>	<p>Pick up the trapezoid shape and hold it up high over head with one hand and hold four fingers up with the other hand.</p> <p>Everyone wiggle hips down to the ground on "boogie woogie shapes."</p>
<p>Now other crazy polygons are different you will see. They can have all sorts of sides, so listen carefully.</p> <p>We have: 5 sides PENTAGON 6 sides HEXAGON 7 sides HEPTAGON 8 sides OCTAGON</p> <p>That's: 5 sides PENTAGON 6 sides HEXAGON 7 sides HEPTAGON 8 sides OCTAGON</p> <p>Well now that I have told you, this hip polygon beat, It's your turn to tell me, so listen and repeat!</p> <p>It's: 5 sides PENTAGON 6 sides HEXAGON 7 sides HEPTAGON 8 sides OCTAGON</p> <p>That's: 5 sides PENTAGON 6 sides HEXAGON 7 sides HEPTAGON 8 sides OCTAGON</p>	<p>Hold the referenced shape high up over head, while rapping with the song.</p>

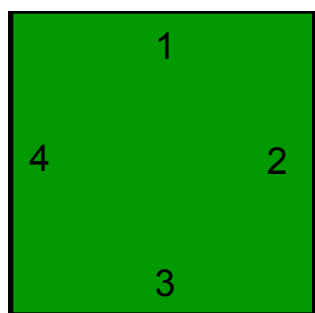


Shapes - Complex Shapes & Polygons

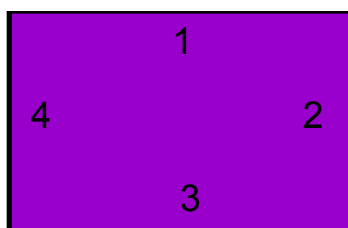
Visual Aids

For full page versions, open the 05_Four_Sided_Shapes_Polygons_Visual_Aid.pdf file.

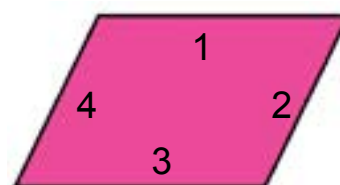
Instructions: Project file on a screen OR print each shape page on 8½"x11" card stock and cut along outside edges of each shape, laminate if desired. Attach a magnetic strip or Velcro on back of each shape for use on a magnet or felt board.



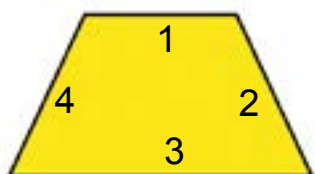
square



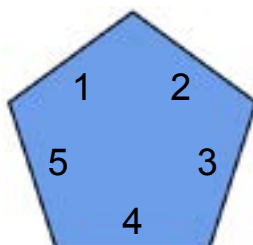
rectangle



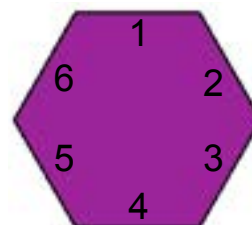
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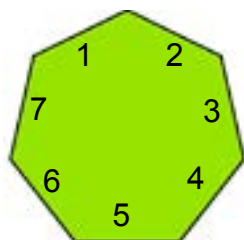
trapezoid



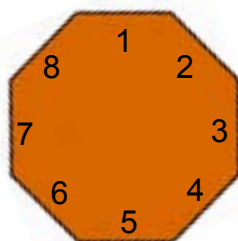
pentagon



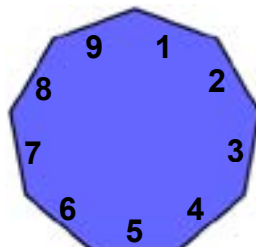
hexagon



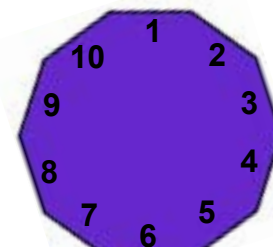
heptagon



octagon



nonagon



decagon

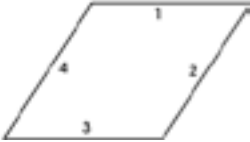
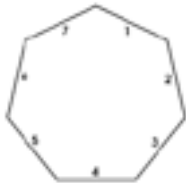
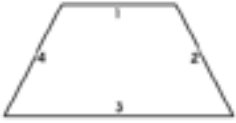
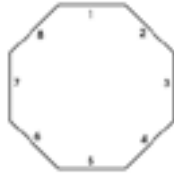

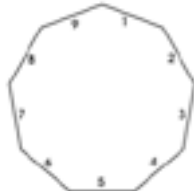

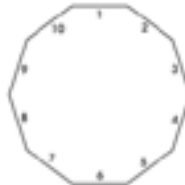


Shapes - Complex Shapes & Polygons

Bridging Activity

For full page versions, open the 06_Four_Sided_Shapes_Polygons_Bridging_Activity.pdf file.

Instructions: Print each child one of each page on 8½"x11" card stock. Have the children trace and color each shape, then draw and color an identical shape next to it. Cut along outside edges of every shape card to use as flash cards or for matching game.

 <p>rhombus</p>		 <p>heptagon</p>	
 <p>trapezoid</p>		 <p>octagon</p>	
 <p>pentagon</p>		 <p>nonagon</p>	
 <p>hexagon</p>		 <p>decagon</p>	

