

**The Polygon Patrol**  
**Developed by Ms. Riley's Class with Dr. Rosalind M. Flynn**  
**Stanton Elementary School \* Washington, DC**

- |     |  |     |   |
|-----|--|-----|---|
| 1   | Ladies and Gentlemen!  | 16  | A trapezoid!  |
| 2   | Boys and Girls!  | 17  | And—a parallelogram!  |
| 3   | Let's give a warm welcome<br>to....  | 18  | A para-what-o-gram?   |
| All | The Polygon Patrol! [sound<br>effect]  | All | A parallelogram!  |
| 4   | named for the shape they're in—  |     | Four-sided polygons—square,<br>rectangle, rhombus, trapezoid,<br>and parallelogram! |
| All | Polygons! [gesture]  | 19  | Four sides! Let's hear it for four-<br>sided polygons!                              |
| 5   | meaning a two-dimensional<br>figure...   | All | [sound effect]  |
| 6   | Like to figure out a question?   | 20  | Hey—is there a five-sided<br>polygon?   |
| All | [sound effect]   | All | You betcha! [gesture]   |
| 7   | No! A geometric shape!   | 20  | What's its name?  |
| 8   | A geometric shape on a plane!  | All | A pentagon!   |
| 9   | An airplane?   | 1   | Like the big government<br>building in Washington, DC?                              |
| All | [sound effect]   | 2   | That's right! It's called The<br>Pentagon because it has five                       |
|     | No! [gesture] In geometry, a<br>plane is a flat surface! [gesture]                     | 3   | straight  |
| 9   | Oh.  | 4   | closed  |
| All | Polygons are two-dimensional<br>geometric figures on planes,<br>meaning flat surfaces. | 5   | sides   |
| 8   | And all the sides of polygons are<br>straight!   | 6   | You mean The Pentagon is a<br>polygon?  |
| All | Straight! [gesture]  | All | Right! [gesture]  |
| 9   | All the sides are closed!  | 7   | Wow! Polygons must be pretty<br>important, then!                                    |
| All | Closed! [gesture]  | All | Well, we think so!  |
| 10  | First, let's meet a three-sided<br>polygon!  |     | Because we are<br>The Polygon Patrol!   |
| All | A triangle! [gesture]  |     | Polygons! Two-dimensional<br>geometric figures                                      |
| 11  | And now—some four-sided<br>polygons!   |     | With straight sides!  |
| 12  | Introducing....  |     | With closed sides!  |
| 13  | A square!  |     | On planes! Not airplanes!   |
| 14  | A rectangle!   |     | Flat surfaces!  |
| 15  | A rhombus!   |     |   |