

# Mrs. Shea's Kindergarten Class

## Introduction to 2D Shapes

December 2023

1 *(on board: magnets of a circle, an oval, a square, a rectangle, a triangle, and a hexagon)*

2 **Mrs. Shea:** What do you know about shapes?

3 **Student 1:** An oval is a circle that looks more like an egg. Stretched.

4 **Student 2:** A rectangle is a stretched square.

5 **Student 3:** A trapezoid is a half a hexagon... like you can put two together.

6 **Mrs. Shea:** Wow! It sounds like you're saying we can put shapes together to make other shapes!

7 **Student 3:** Yeah!

8 *(Mrs. Shea replaces shape magnets with pattern*  
9 *block magnets on the board)*

10 **Mrs. Shea:** Let's see what happens! Can we make  
11 the trapezoids into a hexagon?

12 *(Mrs. Shea puts two trapezoids together to make a*  
13 *hexagon)*

14 **Student 4:** The triangles! The triangles!

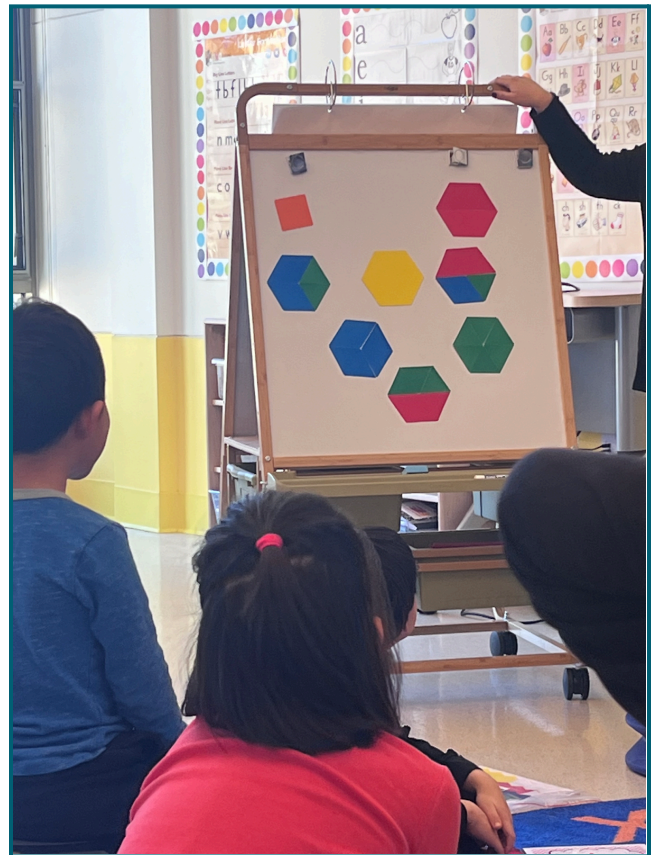
15 *(Mrs. Shea puts six triangles together to make a*  
16 *hexagon)*

17 *(Students start calling out shapes to use.)*

18 **Mrs. Shea:** What about if we use one hexagon?

19 *(Mrs. Shea put one trapezoid to the side, and then shrugged)*

20 **Student 5:** All triangles!



21 **Mrs. Shea:** How many triangles? Paul?

22 **Student 1 (Paul):** Three triangles!

23 **Mrs. Shea:** Is that the only way that we can do it?

24 *(students calling out different ways)*

25 **Mrs. Shea:** What do you think, Max?

26 **Student 6 (Max):** A trapezoid and a triangle and a blue one.

27 **Mrs. Shea:** Yes, that works! What do we call the 'blue one'? The blue pattern block?

28 **Student 5:** A diamond.

29 **Mrs. Shea:** Yes, but there's another name...

30 **Student 3:** A rhombus.

31 **Mrs. Shea:** Yes! In KShea, we're going to call it a rhombus. Are there any other ways?

32 *(students calling out more ideas)*

33 **Mrs. Shea:** But wait... there's more! I feel like I'm on an infomercial. There are so many possibilities.

34 **Student 7:** But what about the poor square?

35 **Student 3:** I don't think it'll ever work.

36 **Mrs. Shea:** Why not?

37 **Student 3:** It doesn't feel right.