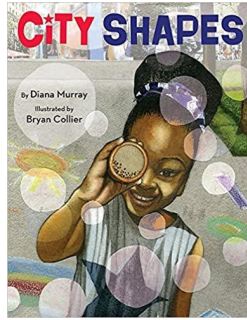


School Shapes



Task

Take a short walk around the hallways, playground, or school property. Have students look for shapes and then take pictures or draw the shapes they find from the pigeon's perspective in their environment. Can you find a square, rectangle, rhombus, triangle, and circle? Justify the shape using its defining attributes.

Standards and Learning Targets

Standard 1.G.1 Distinguish between defining attributes (for example, triangles are closed and three-sided) versus non-defining attributes (for example, color, orientation, overall size); build and draw shapes that possess defining attributes.
OR

Standard 2.G.1 Recognize and draw shapes having specified attributes, such as a given number of angles or a given number of equal faces. Sizes are compared directly or visually, not comp

Learning Target: Identify and draw shapes in our environment. Justify using defining attributes.

Lesson Outline

Anticipate Shapes: Before you begin this lesson, be sure to anticipate the shapes your students might identify and draw using the [Picture Book Problem Monitoring Chart](#).

Launch: Read aloud *City Shapes* by Dianna Murray. Discuss the shapes the pigeon sees as he flies through the city. Discuss how he knows the shape is a square, etc. Go on a walk about the school hallways, playground, or school property pretending to be

like the pigeon in the story. Have students take pictures of the shapes they see or draw them on paper.

[School Shapes Recording Sheet](#)

***This story refers to a rhombus as a diamond. Make sure students know that the mathematical term for this shape is a rhombus.

Explore: Go on a walk about the school hallways, playground, or school property pretending to be like the pigeon in the story. Have students draw pictures of the shapes they see. As students are identifying shapes, ask them questions about the shapes and how they know they have correctly identified the shape.

Summarize: Share shapes students found in their environment. Encourage students to use attributes to define their shapes.

Extension Ideas: Write a class story similar to City Shapes. Have students find shapes in their neighborhood or places they may visit like the grocery store, park, or library.

Thank you for using one of our Picture Book Tasks! We would love to know more about your students' strategies when solving the problem, ideas you had for improving the task, and other math problems you and your students noticed or wondered about after reading the book.

Please complete our [Picture Book Task Survey](#) so that we can learn more about your experience teaching, how students solve problems, and improve our Picture Book Task Bank.