

Title of Book: Mouse Shapes
Author: Ellen Stoll Walsh
Publisher/Year: Houghton Mifflin Harcourt/2007
ISBN: 0547351844, 9780547351841

Grade Levels for Recommended Use: K – 1st

TEKS:

1.6 Geometry and measurement. The student applies mathematical process standards to analyze attributes of two-dimensional shapes and three-dimensional solids to develop generalizations about their properties. The student is expected to:

(A) classify and sort regular and irregular two-dimensional shapes based on attributes using informal geometric language;

(C) create two-dimensional figures, including circles, triangles, rectangles, and squares, as special rectangles, rhombuses, and hexagons;

(D) identify two-dimensional shapes, including circles, triangles, rectangles, and squares, as special rectangles, rhombuses, and hexagons and describe their attributes using formal geometric language;

(F) compose two-dimensional shapes by joining two, three, or four figures to produce a target shape in more than one way if possible.

Brief Summary: For Engagement the students will be asked if they have seen any mice in the classroom. Students will be asked to think about some of the things that mice enjoy doing. Mice enjoy sleeping, eating, walking, running, and building things. They will be introduced to three very smart mice Violet, Martin and Fred. We are going to find out that Violet, Martin and Fred are very smart because they get creative when they try to hide from the cat. They hide in a pile of shapes to escape the cat that is chasing them and making them feel scared. They learn together that these shapes can make up different objects. They then turn these shapes into objects that can fool the cat.

- Youtube will be used as a read aloud for the Mouse Shapes story.
[Mouse Shapes Read Aloud - YouTube](#)
- Upon completion of the read aloud the class will complete the activity, partake in a gallery walk and exit ticket with clean-up.

Materials needed:

- 1 gallon size bag per table that contain construction paper cutouts of shapes to include squares, circles, triangles, and rectangles
- Scissors

Suggested Activity:

1. Divide students into groups of 3.
2. Show groups various object shapes that they must recreate using their pre-cut shapes from a previous class.
3. Give each student 1-2 minutes to independently try recreating one of the simpler object shapes.
4. Show them a more complex object shape that requires the whole team working together. Give time to recreate it.
5. Have students conduct a gallery walk to see how each team recreated the objects:
 - A. Give 2 minutes for the gallery walk
 - B. Students walk around, look at all groups' objects, and compare approaches
 - C. Encourage students to ask questions of each other
6. Bring class back together to discuss similarities and differences in how groups solved the challenges.
7. Have students clean up - put shapes back in bags and return all materials.

Reference:

Martens, M. (2020, December 4). Mouse Shapes Read Aloud [Video]. Youtube. [Mouse Shapes Read Aloud - YouTube](#)

Walsh, E.S. (2007). *Mouse shapes*. Houghton Mifflin Harcourt.

Adapted by: Tina Saenz (2023)