

Unit 9 - Two Dimensional Shapes and Equal Shares

Content Area: **Mathematics**
Course(s):
Time Period: **May**
Length: **4-6 weeks**
Status: **Published**

Unit Overview

In Unit 9 students will connect with the theme of We're on the Farm!, which centers around animals you could see on a farm. Students study shapes which relate to real-world spatial relationships, and look for and make use of structure.

Essential Questions

“How can I recognize two-dimensional shapes and equal shares?”

Content

How to recognize two-dimensional shapes by defining attributes.

How to make a new shape by putting other shapes together.

How to partition shapes into equal parts.

Skills

Use defining attributes to determine the correct shape.

Put pattern blocks together to make a composite shape.

Divide two-dimensional shapes equally into halves or fourths.

Assessments

Chapter Readiness Quiz

Teacher Observation

Check My Progress

Oral and Listening Assessment

Chapter Test

Lessons/Learning Scenarios

MyMath Grade 1

Chapter 9: Lessons 1-10

Standards

CCSS.Math.Content.1.G.A.1	Distinguish between defining attributes (e.g., triangles are closed and three-sided) versus non-defining attributes (e.g., color, orientation, overall size); build and draw shapes to possess defining attributes.
CCSS.Math.Content.1.G.A.2	Compose two-dimensional shapes (rectangles, squares, trapezoids, triangles, half-circles, and quarter-circles) or three-dimensional shapes (cubes, right rectangular prisms, right circular cones, and right circular cylinders) to create a composite shape, and compose new shapes from the composite shape.
CCSS.Math.Content.1.G.A.3	Partition circles and rectangles into two and four equal shares, describe the shares using the words halves, fourths, and quarters, and use the phrases half of, fourth of, and quarter of. Describe the whole as two of, or four of the shares. Understand for these examples that decomposing into more equal shares creates smaller shares.

Resources

MyMath Grade 1, McGraw-Hill (2013)

- write-on/wipe-off boards
- crayons
- Venn diagram
- pattern blocks
- attribute blocks
- geoboard
- rubber bands
- crayons
- index cards
- construction paper shapes

- shape cards
- scissors

Additional Resources:

- [Additional Games for Common Core](#)

Technology Games:

- [2D Shape Memory Game](#)
- [Shape Construction](#)
- [Identify 2D Shape Quiz](#)

Videos:

- BrainPop Jr. [Plane Shapes](#)