

Curriculum Parent Overview (Grade 1)

MATHEMATICS

UNIT #2: COMPARING AND COMBINING SHAPES (2-D GEOMETRY)

CONTENT FOCUS:

Students identify and describe familiar shapes in their environment. They describe, name, and compare attributes of 2-D shapes and use this information to sort and classify them. Students find combinations of shapes that fill a region, and they investigate different ways to compare a shape from, or decompose a shape into, smaller shapes.

UNIT FOCUS:

- Describing, identifying, and comparing attributes of 2-D shapes: Students are working on identifying and describing shapes. They will look for shapes in their own environment and use a variety of materials to identify, name, compare, draw, build, and sort 2-D shapes. Students become more skilled at analyzing characteristics of shapes and deciding which characteristics are (and are not) important.
- Composing and decomposing 2-D shapes: Students learn about the geometric relationship by putting together (compose) and taking apart (decompose) shapes. They begin to make important observations, such as “A trapezoid is a triangle with the top cut off,” or “If you put two squares together, you get a rectangle.”

MATHEMATICAL PRACTICES:

MP3: Construct viable arguments and critique the reasoning of others.

MP5: Use appropriate tools strategically.

CONNECTIONS TO PREVIOUS CONTENT:

In Kindergarten, students focused on observing and describing shapes. They were encouraged to use their own words to describe what 2-D and 3-D shapes look like. They constructed shapes on geoboards and with clay, which helped deepen their understanding of what a shape looks like and compared one shape to other shapes.

CONNECTIONS TO FUTURE CONTENT:

Students continue to explore, develop, and refine many of the ideas about 2-D shapes as they work with 3-D shapes. In Unit 8, they will compose and decompose 3-D shapes and describe, identify, and compare the attributes of them.

MATH AT HOME:

- Play any of the following games with your child on SavvasRealize site after it has been introduced in the classroom:
 - Fill in the Hexagon
 - Guess My Rule
- Have students identify and describe shapes they find around the house.
- Review the Math Words and Ideas videos for this unit on SavvasRealize site.