Second Grade 2020 Unit 3 Geometry

Content Area: **Mathematics**
Course(s): **Math 2**
Time Period: **Marking Period 3**
Length: **March April**
Status: **Published**

Established Goals/Standards

Please choose the appropriate Goals/Standards from the Standards tab above.

MA.2.OA.B.2	Fluently add and subtract within 20 using mental strategies. By end of Grade 2, know from memory all sums of two one-digit numbers.
MA.2.NBT.B.5	Fluently add and subtract within 100 using strategies based on place value, properties of operations, and/or the relationship between addition and subtraction.
MA.2.G.A.1	Recognize and draw shapes having specified attributes, such as a given number of angles or a given number of equal faces. Identify triangles, quadrilaterals, pentagons, hexagons, and cubes.
MA.2.G.A.2	Partition a rectangle into rows and columns of same-size squares and count to find the total number of them.
MA.2.G.A.3	Partition circles and rectangles into two, three, or four equal shares, describe the shares using the words halves, thirds, half of, a third of, etc., and describe the whole as two halves, three thirds, four fourths. Recognize that equal shares of identical wholes need not have the same shape.

Essential Questions

Please add your Essential Questions by clicking on the Lists tab above.

- How can shapes and solids be described, compared, and used to make other shapes?

Enduring Understanding

Please add your Enduring Understandings by clicking on the Lists tab above.

- A shape can be identified by the number of sides, vertices, or angles
- Some shapes can be combined to make new shapes

Content

Students will be able to:

- identify solid figures by their faces or flat surfaces, edges, and vertices
- identify the plane shapes that form the flat surfaces of solid figures
- identify and draw polygons (triangles, quadrilaterals, pentagons, and hexagons) and list their attributes
- recognize and name trapezoids, parallelograms, and hexagons, put shapes together to make new shapes, and identify the number of sides and vertices in each shape

- cut shapes apart to make new shapes
- divide rectangles into equal squares and count how many squares are needed to completely partitian the rectangle
- determine whether a shape has been divided into equal or unequal parts. If the parts are equal, children will count the number of parts
- use clues to solve riddles about plane shapes and solid figures

Related Vocabulary:

sphere

pyramid

cylinder

cone

cube

rectangular prism

solid figure

flat surface

face

edge

vertex (vertices)

plane shapes

circle

square

triangle

rectangle

polygon

angle

side

quadrilateral

pentagon

hexagon

trapezoid

parallelogram

rows

columns

equal

unequal

halves

thirds

fourths

Assessment

Resources

- pearsonsuccess.net

  enVision Math Grade 2 Manual

  Manipulatives

  Visual Learning Animations

  Pearsonsuccess.net - Interactive Digital Path

  Quick Checks

  Practice and Reteaching Workbook

  Enrichment

  Math Centers

  daily workmat

common core daily review