

Grade 5

Distance Learning Module 3: Week of: April 13-April 17

Grade 5 Math - Modified from Unit 6 - Graphing, Geometry & Volume

Targeted Goals from Stage 1: Desired Results

Content Knowledge: Mathematicians analyze characteristics and properties of geometric shapes to develop mathematical arguments about geometric relationships.

Vocabulary:

Congruent - of the same shape *and* size; two shapes are congruent if one can be exactly superimposed onto the other using a sequence of rotations, reflections, and/or translations

Hexagon - a two-dimensional (flat) shape with 6 sides

Kite - a two-dimensional (flat) shape with two pairs of congruent adjacent sides

Parallel- always the same distance apart

Parallelogram - a two-dimensional (flat) shape with 4 sides, with both pairs of opposite sides parallel

Adjacent - next to or adjoining something else

Polygon - a closed two-dimensional (flat) shape with 3 or more sides

Quadrilateral - a two-dimensional (flat) shape with 4 sides

Rectangle- a two-dimensional (flat) shape with two pairs of parallel sides (4 sides total) and 4 right angles

Rhombus - a two-dimensional (flat) shape with 4 congruent sides

Square - a two-dimensional (flat) shape with 4 congruent sides and 4 right angles

Trapezoid- a two-dimensional (flat) shape with 4 sides, exactly 1 pair of which are parallel

Skills:

- Describe the characteristics and properties of polygons (quadrilaterals).
- Explain the hierarchy of polygons (quadrilaterals) as defined by given characteristics.
- Justify the classification of certain polygons (quadrilaterals).

Expectation:

Description of Task (s):	Resources and Materials:	Daily Checks (Return to Google Classroom or snapshots from a cell phone)
Monday: Classifying Quadrilaterals Practice Multiplication or Division Facts	Watch this video: Khan Academy - Classifying Quadrilaterals Choose a game or activity to practice facts for 5 - 10 minutes. See District website or Fact Fluency Practice Options for ideas.	Complete the Khan Academy Practice problems on the following section: - Practice Classifying Quadrilaterals You do not need to turn anything in today. If you have difficulty with the assignment, let me know.
Tuesday: Classifying Quadrilaterals Using Hierarchy of Quadrilaterals (Part 1) Practice Multiplication or Division Facts	Read and discuss: Hierarchy of Quadrilaterals Watch this video for support: Properties of Quadrilaterals Choose a game or activity to practice facts for 5 - 10 minutes. See District website or Fact Fluency Practice Options for ideas.	Complete Student book page 225-226. Student Book page 225-226 Take a picture and upload your work to Google Classroom How to Upload a Picture to Google Classroom
Wednesday: Classifying Quadrilaterals Using Hierarchy of Quadrilaterals (Part 2) *Save all materials for Thursday's work* Practice Multiplication or Division Facts	Print and label each quadrilateral with the most specific name you can find for it. Then cut out the shapes. Paper Quadrilaterals (T4) Save them to use on Thursday. Open sort: Sort your quadrilaterals on the	Complete and submit the GoogleForms check in True or False? - Check In

Description of Task (s):	Resources and Materials:	Daily Checks (Return to Google Classroom or snapshots from a cell phone)
	<p>Venn Diagram in any way you'd like Venn Diagram Mat (T5)</p> <p>Sort your quadrilaterals in the following ways:</p> <ol style="list-style-type: none"> 1) Quadrilaterals and Trapezoids 2) Trapezoids and Parallelograms 3) Parallelograms and Rectangles 4) Rectangles and Rhombuses 5) Kites and Rectangles 6) Kites and Parallelograms <p>Choose a game or activity to practice facts for 5 - 10 minutes. See District website or Fact Fluency Practice Options for ideas.</p>	
<p>Thursday: Hierarchy Riddles</p> <p>Practice Multiplication or Division Facts</p>	<p>Print/label each quadrilateral with the most specific name you can identify it by. Paper Quadrilaterals (T4)_ Use the ones you cut out yesterday. Here are some more: More Paper Polygons (T7)</p> <p>Choose a game or activity to practice facts for 5 - 10 minutes. See District website or Fact Fluency Practice Options for ideas.</p>	<p>Complete Teacher Master 8 & 9 "Hierarchy Riddles". Use your "Hierarchy of Quadrilaterals" sheet from Tuesday to help guide you. Upload a picture of your work to Google Classroom How to Upload a Picture to Google Classroom</p>
<p>Friday: Practice Multiplication or Division Facts</p>	<p>Choose games or activities to practice facts. See District website or Fact Fluency Practice Options for ideas.</p>	<p>On Google Classroom, let me know what facts you have been concentrating on learning.</p>

Week criteria for success (attach student checklists or rubrics):

- I can classify quadrilaterals
- I can sort quadrilaterals based on categories and subcategories

Supportive resources and tutorials for the week (plans for re-teaching):

Interactive Quadrilaterals-Interactive Quadrilaterals

Know Your Quadrilaterals Song-Know Your Quadrilaterals

Quad! Song-Quad!

Quadrilaterals Shapes Shoot Game-Quadrilaterals Shapes Shoot

Shapes Sort-Shapes Sort

Geometry Vocabulary Cards-Geometry Vocabulary Cards

Pattern Shapes-Pattern Shapes

Family Unit Overview-Unit 6: Graphing, Geometry & Volume-Family Overview Letter

Vocabulary Practice-Flocabulary