Grade 4
Distance Learning Module 5:   Week of: April 27 - May 1

Grade 4 Mathematics - *Modified from [Unit #5 - Geometry and Measurement: We Believe in Angles](#)*!

Targeted Goals from Stage 1: Desired Results

Content Knowledge: Apply the area and perimeter formulas for a rectangle to solve a problem.

Vocabulary: area, dimension, perimeter
Area: the total number of square units needed to cover a two-dimensional surface
Dimension: the length, width, or height of a figure
Perimeter: the distance in linear units around a two-dimensional (flat) figure

Skills:

- using the area formula for a rectangles
- using the perimeter formula for a rectangles

Expectation:

Description of Task (s):	Resources and Materials:	Daily Checks (Return to Google Classroom or snapshots from a cell phone)
Monday: Measuring Area Today your mission is to calculate the area of rectangles. Practice Multiplication or Division Facts	Watch this BrainPop video on Area. BrainPop Login credentials (username & password) are posted in Google classroom) Try the quiz about the area on BrainPop after the video. Choose a game or activity to practice facts for 5 - 10 minutes. See District website or Fact Fluency Practice Options for ideas.	Your teacher will complete some area problems with you during the Live Session today. Watch the recording of it and do the problems if you cannot attend it live.

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Tuesday: Measuring Perimeter Today your mission is to calculate the perimeter of rectangles and squares. Practice Multiplication or Division Facts	Watch this BrainPop video on Perimeter BrainPop Login credentials (username & password) are posted in Google classroom) Try the quiz about perimeter on BrainPop after the video. Choose a game or activity to practice facts for 5 - 10 minutes. See District website or Fact Fluency Practice Options for ideas.	Complete the Google Form: Find the Perimeter. You will need to do your work out on a piece of paper and enter your answers on the Google Form.
Wednesday: Area & Perimeter Formulas Today your mission is to recognize equations for area and equations for perimeter. Practice Multiplication or Division Facts	Watch this video on the formulas for area and perimeter. Look at this anchor chart for area and perimeter. Choose a game or activity to practice facts for 5 - 10 minutes. See District website or Fact Fluency Practice Options for ideas.	Complete the Google Form: Area and Perimeter Formulas. You will need to do your work out on a piece of paper and enter your answers on the Google Form.
Thursday: Area & Perimeter Today your mission is to solve area and perimeter problems Practice Multiplication or Division Facts	Listen to the story Sir Cumference and the Isle of Immeter. Play the game Inners and Edges. Choose a game or activity to practice facts for 5 - 10 minutes. See District website or Fact Fluency Practice Options for ideas.	Complete the Google Form: Area and Perimeter. You will need to do your work out on a piece of paper and enter your answers on the Google Form.
Friday: Using Area and Perimeter Your mission today is to use what you know about area and perimeter to play online	Play one or more of these area and perimeter on-line games: Shape Explorer Zoo Designer	Complete the Google Form: Area and Perimeter Concepts Review You can also tell your teacher in Google

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games. Practice Multiplication or Division Facts	Party Designer Area Snatch Pro Perimeter Snatch Pro Area Blocks Choose a game or activity to practice facts for 5 - 10 minutes. See District website or Fact Fluency Practice Options for ideas.	Classroom which game you liked playing the best if you would like. Respond to the question prompt to do this.

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

- I can calculate the area of a rectangle or a square.
- I can calculate the perimeter of a rectangle or a square.

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

Practice Problems You can use pages 108, 166,183

anchor chart for area and perimeter

Area and perimeter lessons from Khan Academy

Online games:
Shape Explorer
Zoo Designer
Party Designer
Area Snatch Pro
Perimeter Snatch Pro
Area Blocks