

Grade 5

Distance Learning Module 4: Week of: April 20 - April 24

Content Area: Math - Modified from [Unit # 6 - Graphing, Geometry & Volume](#)

Targeted Goals from Stage 1: Desired Results

Content Knowledge: Graph points on the coordinate plane to solve real-world and mathematical problems.

Vocabulary:

- Coordinate Plane - A 2 dimensional system in which a point is described by its distance from 2 perpendicular lines called axes (X and Y axis)
- Coordinates - Numbers used to identify the position of a point, relative to X and Y axes of a coordinate plane
- X axis - The horizontal (side to side) axis on a coordinate grid
- Y axis - The vertical (up and down) axis on a coordinate grid
- Ordered Pair - Numbers that identify a specific point on a coordinate plane. Written as (X,Y) which corresponds to their point on each axis. For example, (3,2) means that X = 3 and Y = 2.

Skills:

- Plotting coordinates on a grid
- Naming coordinates on a grid

Expectation:

Description of Task (s):	Resources and Materials:	Daily Checks (Return to Google Classroom or snapshots from a cell phone)
Monday: Today you will graph points on a coordinate plane. Practice Multiplication or Division Facts	Watch this video: Khan Academy: Introduction to a Coordinate Plane Complete the Khan Academy Practice Problems:	Complete Home Connections page 111 "Plotting Points on a Graph" (The sheet says "page 1 of 2", but there is ONLY 1 PAGE TO COMPLETE) Upload to Google Classroom.

Description of Task (s):	Resources and Materials:	Daily Checks (Return to Google Classroom or snapshots from a cell phone)
	Practice: Graph Points (You do not have to turn anything in for this.) Choose a game or activity to practice facts for 5 - 10 minutes. See District website or Fact Fluency Practice Options for ideas.	
Tuesday: Today you will review how to locate positions on a grid by naming coordinates, which are ordered pairs of numbers. Practice Multiplication or Division Facts	1) You will play the game Coordinate Place Four: Watch this video to learn how to play: Coordinate Place 4 Game Here is a copy of written directions too: Coordinate Place Four Directions 2) Print Coordinate Place Four Gameboard: Game Board 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 about playing the game. Coordinate Plane Exit Slip
Wednesday: Today you will identify points on a graph within word problems Practice Multiplication or Division Facts	Watch this video: Khan Academy: Coordinate Plane Graphing Word Problem Complete the Khan Academy Practice Problems: Practice: Coordinate Plane Word Problems (You do not have to turn anything in for this.) Choose a game or activity to practice facts for 5 - 10 minutes. See District website or Fact Fluency Practice Options for ideas.	Complete Home Connections pages 115-118 The Lemonade Stand Complete the ratio table, then plot the points on your graph. Then, use the information to solve the word problems. Complete pages 115-116. Pages 117-118 are OPTIONAL Upload to Google Classroom.

Description of Task (s):	Resources and Materials:	Daily Checks (Return to Google Classroom or snapshots from a cell phone)
<p>Thursday: Today you will graph coordinates and identify patterns on x/y input/output tables.</p> <p>Practice Multiplication or Division Facts</p>	<ol style="list-style-type: none"> 1) Read Anthony's Problem and complete the tables at the bottom of this page. 2) After completing the table, which job do you think is best? Why? 3) Next, begin solving Anthony's Problem Student Book Pages 217-219 <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>Be prepared to hand in your work on Anthony's Problem tomorrow. Please note, this activity may take you 2 days.</p>
<p>Friday: Today you will continue to graph coordinates and identify patterns on x/y input/output tables.</p> <p>Practice Multiplication or Division Facts</p>	<p>If you did not finish Anthony's Problem yesterday, please begin with that today. (See above)</p> <p>Extension Activity - Play Dragon's Treasure Workplace</p> <p>Read the instructions about how to play the game: Dragon's Treasure Workplace Instructions</p> <p>Play the Work Place game. You may play the traditional or challenge version, it's your choice! Dragon's Treasure Recording Sheet</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>Upload a picture of Student Book Pages 217-219 once complete. How to Upload a Picture in Google Classroom</p>

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

- I can accurately plot coordinates on a grid
- I can accurately identify coordinates on a grid
- I can accurately plot and identify ordered pairs on a grid

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

Khan Academy: Graphing Points on a Coordinate Plane

Student Book Page 207 - Coordinate Dot to Dots

Student Book Page 216 - More Coordinate Dot to Dots

Student Book Page 220 - Miranda's Number Patterns