

Geometry Lesson Plan

Week: 9/24 – 9/28

Lesson & Learning Target	Math Nation Lesson: 1.4 Textbook: Chapter 6 Extension	Topic Name: Distance and Perimeter in the Coordinate Plane Standard(s): MAFS.912.G-GPE.2.7
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Learning Activities	ESE/ESOL Strategies
<ul style="list-style-type: none"> <input type="checkbox"/> Review HW Answers <input type="checkbox"/> Guided Notes <input type="checkbox"/> Algebra Nation Independent Practice <input type="checkbox"/> Worksheet Practice <input type="checkbox"/> Small Group Practice <input type="checkbox"/> Station Activity <input type="checkbox"/> Game <input type="checkbox"/> Remediate/Enrich <input type="checkbox"/> AlgebraNation.com Workbook fill out <input type="checkbox"/> Whiteboard Check for Understanding <input type="checkbox"/> Other: Exit Ticket 	<ul style="list-style-type: none"> <input type="checkbox"/> Heterogenous Grouping <input type="checkbox"/> Chunking of Content with Sticky Steps <input type="checkbox"/> Graphic Organizers <input type="checkbox"/> Color Coding <input type="checkbox"/> Vocabulary Instruction: <i>perimeter, distance, length</i> <input type="checkbox"/> Annotation Instruction <input type="checkbox"/> Think Alouds <input type="checkbox"/> Other: _____

		Check for Understanding
Warm Up	1. Ft. Lauderdale is located at (6,10) and Miami is located at (-8,-9). Jojo is driving from Ft. Lauderdale to Miami and needs to stop at a WaWa halfway between the two cities. Where is the WaWa located? 2. Segment RS has midpoint F. R is located at (5,-4) and F is located at (-1,2). Where is S located?	Ans: (-1, .5) Ans: (-7, 8) Individual Whiteboard Responses
Direct Instruction	In Notes: Students will copy notes on each of the topics below as we progress towards distance on the coordinate plane (done on graph paper handout). <ol style="list-style-type: none"> 1. Distance Vocabulary (length, distance, how far, closer, farther) 2. Distance between 2 points on a number (absolute value theorem) 3. Pythagorean Theorem (off the coordinate plane) 4. Pythagorean triples 5. Distance on the Coordinate Plane 6. Pythagorean Theorem (on the coordinate plane) 7. Distance formula 8. Perimeter on the coordinate plane 	Student Created Sample Problems Choral Response Individual Whiteboards Gestures
Guided Practice	<ul style="list-style-type: none"> • Student created examples for class solution • Math Nation practice problems • Mathbits Notebook Practice Section 	Pairs-share Choral Response Whiteboards
Independent Practice	<ul style="list-style-type: none"> • Math Nation "Beat the Test" problem • Independent Practice Packet from Math Nation 	Teacher circulates

Assessment: Exit Ticket

Homework: Complete Independent Practice Packet

Copy the diagram and work the problem out on the graph paper.
Refer to your notes for help.

Is $RS \cong TM$?

R (5, 9) T (-8, 6)
S (-1, 2) M (-1, 0)

