

Grade: 6th		
Unit: Module 3 - Rational Numbers		
Pacing: 12 days (includes 3 day reteach)		
PLC Question: What do we want all students to know and be able to do?		
Grade Level Priority Standards (Example):		
6.NS.8		
Supporting Standards: 6.NS.5, 6.NS.6, 6.NS.7		
Essential Questions: How do you locate an ordered pair on the coordinate plane? How would you label a point on the coordinate plane? How do you determine the distance between 2 points on the coordinate plane?		
Learning Progressions		
Previous Grade Level Standards: 5.G.1, 5.G.2	Grade Level Standards: 6.NS.8	Next Grade Level Standards: 7.RP.2,
Student Friendly Learning Targets		
Standard: - Plot points in all four quadrants of a coordinate plane. - Calculate the distance between points that share a coordinate (have the same x or y). - Represent a rectangle on a coordinate plane by plotting and connecting their vertices to find the perimeter. - Find the absolute value. Potential Success Criteria: - Students can represent a coordinate point using ordered pairs. - Write integers in real world situations. - Recognize and recall the following vocabulary words (identify parts of a coordinate grid): x-axis, y-axis, x-coordinate, y-coordinate, coordinate plane, origin, quadrant, ordered pair (coordinate pair), negative, positive, integer, absolute value, distance, plot, rational number, opposites, point, number line, vertex, vertices, perimeter, area		
Essential Vocabulary		
Key Academic Vocabulary: x-axis, y-axis, x-coordinate, y-coordinate, coordinate plane, origin, quadrant, ordered pair (coordinate pair), negative, positive, integer, absolute value, distance, plot, rational number, opposites, point, number line, vertex, vertices, perimeter, area		
PLC Question: How will we know when students have learned?		

Assessment and Evidence		
State Required Assessments - WY-TOPP Summative - WY-TOPP Interim	District Essential Assessments - Common Formative Assessments - WY-TOPP Interim/modules	Supporting Evidence Pre Assessments WY-TOPP Modulares Mid Module Assessment Classroom Assessment and Evidence: - Daily Work - Exit Tickets Digital Software Data - IXL, Khan, Prodigy, Apex

Priority Standard Proficiency Scale	
Score:	Standard: 6.NS.8
Score 4	The student will: A. Use a coordinate plane to find the area of a rectangle given the coordinate points of its vertices.
	3.5 No major errors or omissions regarding 3.0 content and partial knowledge of the 4.0 content.
Score 3	The student will: A. Plot points in all four quadrants of a coordinate plane. B. Calculate the distance between points that share a coordinate (have the same x or y). C. Represent a rectangle on a coordinate plane by plotting and connecting their vertices to find the perimeter. D. Find the absolute value.
	2.5 - No major errors or omissions regarding 2.0 content and partial knowledge of the 3.0 content.
Score 2	The student will: A. Students can represent a coordinate point using ordered pairs. B. Write integers in real world situations. C. Recognize and recall the following vocabulary words (identify parts of a coordinate grid): x-axis, y-axis, x-coordinate, y-coordinate, coordinate plane, origin, quadrant, ordered pair (coordinate pair), negative, positive, integer, absolute value, distance, plot, rational number, opposites, point, number line, vertex, vertices, perimeter, area

	1.5 No major errors or omissions regarding 1.0 content and partial knowledge of the 2.0 content.
Score 1	The student will: With help demonstrates partial success at score 2.0.

PLC Question: How will teachers facilitate the learning?

Key Curriculum Resources and Instructional Strategies	Supporting Resources and Instructional Strategies
Module 3- Rational Numbers Lessons 1-3 - combined, make a chart of real-world vocabulary that represent positive and negative numbers, Problem Sets 2 and 3 (1 day) Lessons 4-5 - <u>Opposites</u> - Problems Sets 4 and 5 (1 day) Lesson 6 - <u>Rational Numbers on the Number line</u> - (WYTOP has students plot or identify numbers like -1.25 and 1.75 on the number line)(1 Day) Lesson 11 <u>Absolute Value</u> - Problem Set 11 (1 day) Lessons 14-15 - <u>Ordered Pairs, Coordinate Plane</u> - Problem Set 15 (1 day) Lesson 16 - <u>Coordinate Plane</u>, Problem Set 16 (1 day) Lesson 17 - <u>Plotting Points</u> - Opening Exercise and Examples 1-4 (1 day) Lesson 18 - <u>Distance on the Coordinate Plane</u> - Problem Set 18 (1 day) (optional) Lesson 19 - <u>Problem Solving</u> - Good Score 4 practice (Problem Set #3, Exit Ticket #2) Module 3 Assessment (1 day)	Additional lessons needed for standards: Standard based hands-on activities. Digital Tools: Khan, IXL, Apex
PLC Question: What will we do when students have not learned?	

Interventions	
Tier 3 - Intensive	Tier 2 - Strategic Allow retake of CFA after reteach. Digital Tools:Khan, IXL, Apex
<i>PLC Question: What will we do when students have learned?</i>	
Enrichment	
Use digital tools: Khan, IXL, Apex to extend learning. Additional Score 4 questions.	

PLC Reflections
How will we increase our instructional competence?
How will we coordinate our efforts as a collaborative team?