

Grade 8 Curriculum Map (1st Nine Weeks)

Unit and Timeline	Unit 1 (3 weeks)		Unit 2 (2 weeks)		Unit 3 (4 weeks)	
Topic	Pythagorean Theorem		Real Number System		Functions	
Domain	Geometry and Measurements		Number System and Operations		Algebra and Functions	
Standards	Priority: 8.28: Applying the Pythagorean Theorem	Supporting: 8.26: Pythagorean Theorem and it's converse 8.27: Applying Pythagorean Theorem - Distance	Priority: 8.1: Real number system	Supporting: 8.2: Irrational numbers on a number line.	Priority: 8.14: Evaluating Functions 8.15: Comparing Functions 8.16: Modeling with Functions	Supporting: 8.13: Defining Functions 8.17: Relationships between quantities

Grade 8 Curriculum Map (2nd Nine Weeks)

Unit and Timeline	Unit 4 (4 weeks)		Unit 5 (2 weeks)		Unit 6 (3 weeks)	
Topic	Linear Functions		Multi-Step equations		Volume	
Domain	Algebra and Functions		Algebra and Functions		Geometry and Measurements	
Standards	Priority: 8.9: Slope and y-intercept	Supporting: 8.7: Comparing proportional or non-proportional 8.8: Representing non-proportional relationships 8.10: Comparing proportional and non-proportional	Priority: 8.11: Solving linear equations	Supporting:	Priority: 8.30: Use formulas to calculate volume	Supporting: 8.29: Volume of a 3D shape

Grade 8 Curriculum Map (3rd Nine Weeks)

Unit and Timeline	Unit 7 (3 weeks)		Unit 8 (2 weeks)		Unit 9 (2 weeks)	
Topic	Systems of Linear Equations		Statistics		Transformations	
Domain	Geometry and Measurements		Data Analysis, Stats, and Probability		Algebra and Functions	
Standards	Priority: 8.12: Systems of Linear Equations	Supporting: 8.11: Solving linear equations	Priority: 8.20: Predictions	Supporting: 8.18: Scatterplots 8.19: Line of best fit 8.21: Two-way tables	Priority: 8.24: Mapping transformations	Supporting: 8.22: Verify experimentally transformations 8.23: Use coordinate transformations

Grade 8 Curriculum Map (3rd Nine Weeks Cont.)

Unit and Timeline	Unit 10 (2 weeks)					
Topic	Exponents and Scientific Notation					
Domain	Algebra and Functions					
Standards	Priority: 8.3: Integer exponents 8.4: Square and Cube roots	Supporting: 8.26: Pythagorean Theorem and it's converse 8.27: Applying Pythagorean Theorem - Distance	Priority:	Supporting:	Priority:	Supporting:

Grade 8 Curriculum Map (4th Nine Weeks)

Unit and Timeline	Unit 11 (2 weeks)					
Topic	Angle Relationships					
Domain	Geometry and Measurements					
Standards	Priority: 8.25: Angles and transversals	Supporting: 8.11: Solving linear equations	Priority:	Supporting:	Priority:	Supporting: