

Merrimack School District
Essential Learning Competencies

School	MHS
Discipline	Mathematics
Course Title	Geometry

Quarter 1

Essential Learning Competencies	Links to the Rubrics/Standards/Competency	Formative Assessments	Summative Assessments
Basics of Geometry- Points, lines, planes, measuring, midpoint, and distance,	MSD Geometry Curriculum CCSS Geometry	Quizzes, Classwork, Homework, Discussions, Observations	Chapter 1 Test- Basics of Geometry
Basics of Geometry- perimeter, area, angles,			Chapter 1 Test- Basics of Geometry
Reasoning and Proofs- Algebraic Proofs			Chapter 2 Test- Reasoning and Proofs
Reasoning and Proofs- Geometric Proofs			Chapter 2 Test- Reasoning and Proofs

Quarter 2

Essential Learning Competencies	Links to the Rubrics/Standards/Competency	Formative Assessments	Summative Assessments
Parallel and Perpendicular Lines- angles relationships with parallel lines, finding measures with relationships	MSD Geometry Curriculum CCSS Geometry	Quizzes, Classwork, Homework, Discussions, Observations	Chapter 3 Test- Parallel and Perpendicular Lines
Parallel lines and Perpendicular Lines- Equations of parallel and perpendicular lines			Chapter 3 Test- Parallel and Perpendicular Lines
Transformations			Chapter 4 Test- Transformations
Congruent Triangles			Chapter 5 Test- Congruent Triangles

Quarter 3

Essential Learning Competencies	Links to the Rubrics/Standards/Competency	Formative Assessments	Summative Assessments
Relationships Within Triangles	MSD Geometry Curriculum CCSS Geometry CCSS Algebra	Quizzes, Classwork, Homework, Discussions, Observations	Chapter 6 Test- Relationships within Triangles
Right Triangles and Trigonometry- Pythagorean Theorem and Special Right Triangles			Chapter 9 Test- Right Triangle Trigonometry
Right Triangles and Trigonometry- Trigonometry			Chapter 9 Test- Right Triangle Trigonometry
Similarity			Chapter 7 Test - Similarity

Quarter 4

Essential Learning Competencies	Links to the Rubrics/Standards/Competency	Formative Assessments	Summative Assessments
Quadrilaterals and Other Polygons	MSD Geometry Curriculum CCSS Geometry	Quizzes, Classwork, Homework, Discussions, Observations	Chapter 8 Test- Quadrilaterals and Other Polygons
Circles-Special Segments, Finding Arc Measure, and Chords			Chapter 10 Test- Circles
Circles- Inscribed Angles and Polygons, Angles and Segment Relationships in Circles, and Circles in the Coordinate Plane			Chapter 10- Circles
Circumference, Area, and Volume			Chapter 11 Test- Circumference, Area, and Volume