

Merrimack School District
Essential Learning Competencies

School	MHS
Discipline	Math
Course Title	Applied Math 1 Foundations

Quarter 1

Essential Learning Competencies	Links to the Rubrics/Standards/Competency	Formative Assessments	Summative Assessments
Whole Numbers and Algebra	CCSS Number and Quantity	Quizzes, Classwork, Discussion, or Activities	Unit 1 Test
Operations with Decimals		Quizzes, Classwork, Discussion, or Activities	Unit 2 Test
Number Theory		Quizzes, Classwork, Discussion, or Activities	Unit 3 Test
Fractions		Quizzes, Classwork, Discussion, or Activities	Unit 4 Test

Quarter 2

Essential Learning Competencies	Links to the Rubrics/Standards/Competency	Formative Assessments	Summative Assessments
Order of Operations	CCSS Number and Quantity	Quizzes, Classwork, Discussion, or Activities	Unit 5 Test
One and two step equations		Quizzes, Classwork, Discussion, or Activities	Unit 5 Test
Ratios and Proportions		Quizzes, Classwork, Discussion, or Activities	Unit 6 Test
Percents		Quizzes, Classwork, Discussion, or Activities	Unit 6 Test

Quarter 3

Essential Learning Competencies	Links to the Rubrics/Standards/Competency	Formative Assessments	Summative Assessments
Integers	CCSS Number and Quantity CCSS Geometry	Quizzes, Classwork, Discussion, or Activities	Unit 7 Test
Exponents		Quizzes, Classwork, Discussion, or Activities	Unit 8 Test
Roots		Quizzes, Classwork, Discussion, or Activities	Unit 8 Test
Pythagorean Theorem		Quizzes, Classwork, Discussion, or Activities	Unit 8 Test

Quarter 4

Essential Learning Competencies	Links to the Rubrics/Standards/Competency	Formative Assessments	Summative Assessments
Graphing equations and inequalities	CCSS Algebra CCSS Geometry CCSS Probability and Statistics	Quizzes, Classwork, Discussion, or Activities	Unit 9 Test
Perimeter area and volume		Quizzes, Classwork, Discussion, or Activities	Project
Statistics		Quizzes, Classwork, Discussion, or Activities	Statistics Project
Graphs		Quizzes, Classwork, Discussion, or Activities	Statistics Project