

Merrimack School District  
Essential Learning Competencies

School	MHS
Discipline	Math
Course Title	Technical Math

Quarter 1

Essential Learning Competencies	Links to the Standards	Formative Assessments	Summative Assessments
Basic Concepts	<a href="#">CCSS Number and Quantity</a>	Quizzes, Classwork, Homework, Class Discussions	Chapter 1 Test
Signed Numbers and Powers of 10			Chapter 2 Test
The Metric System	<a href="#">CCSS Geometry</a>		Chapter 3 Test
Measurement			Chapter 4 Test

Quarter 2

Essential Learning Competencies	Links to the Standards	Formative Assessments	Summative Assessments
Algebra Basics	<a href="#">CCSS Algebra</a>	Quizzes, Classwork, Homework, Class Discussions	Chapter 5 Test
Equations and Formulas			Chapter 6 Test
Ratio and Proportions			Chapter 7 Test
Graphing Linear Equations			Chapter 8 Test

Quarter 3

Essential Learning Competencies	Links to the Standards	Formative Assessments	Summative Assessments
Systems of Linear Equations	<a href="#">CCSS Algebra</a>	Quizzes, Classwork, Homework, Class Discussions	Chapter 9 Test
Factoring Algebraic Expressions	<a href="#">CCSS Geometry</a>		Chapter 10 Test
Quadratic Equations			Chapter 11 Test
Geometry			Chapter 12 Test

Quarter 4

Essential Learning Competencies	Links to the Standards	Formative Assessments	Summative Assessments
Right Triangle Trigonometry	<a href="#">CCSS Geometry</a>	Quizzes, Classwork, Homework, Class Discussions	Chapter 13 Test
Trigonometry with Any Angle	<a href="#">CCSS Probability and Statistics</a>		Chapter 14 Test
Basic Statistics			Chapter 15 Test
Binary and hexadecimal Numbers			Chapter 16 Test