

Merrimack School District  
Essential Learning Competencies

School	MHS
Discipline	Math
Course Title	Algebra 1

Quarter 1

Essential Learning Competencies	Links to the Standards	Formative Assessments	Summative Assessments
Solving Linear Equations	<a href="#">Algebra 1 Curriculum</a>	Quizzes, Classwork, Homework, Discussions	Chapter 1 Test
Solving Absolute Value and Literal Equations	<a href="#">CCSS Algebra</a>		Chapter 1 Test
Solving Linear Inequalities	<a href="#">CCSS Functions</a>		Chapter 2 Test
Graphing Linear Functions			Should continue to Q2

Quarter 2

Essential Learning Competencies	Links to the Standards	Formative Assessments	Summative Assessments
Graphing Linear Functions	<a href="#">Algebra 1 Curriculum</a>	Quizzes, Classwork, Homework, Discussions	Chapter 3 Test
Writing Slope-Intercept Form Equations	<a href="#">CCSS Algebra</a>		Chapter 4 Test
Writing Linear Equations of Parallel and Perpendicular Lines	<a href="#">CCSS Functions</a>		Chapter 4 Test
Systems of Linear Equations			Chapter 5 Test

Quarter 3

Essential Learning Competencies	Links to the Standards	Formative Assessments	Summative Assessments
Properties of Exponents and exponential functions	<a href="#">Algebra 1 Curriculum</a>	Quizzes, Classwork, Homework, Discussions	Chapter 6 Test
Polynomials and Polynomial Operations	<a href="#">CCSS Algebra</a>		Chapter 7 Test
Factoring	<a href="#">CCSS Functions</a>		Chapter 7 Test
Graphing Quadratics			Chapter 8 Test

Quarter 4

Essential Learning Competencies	Links to the Standards	Formative Assessments	Summative Assessments
Simplifying Radicals	<a href="#">Algebra 1 Curriculum</a>	Quizzes, Classwork, Homework, Discussions	Chapter 9 Test
Solving Quadratics	<a href="#">CCSS Algebra</a>		Chapter 9 Test
The Quadratic Formula			Chapter 9 Test
Radical Functions	<a href="#">CCSS Functions</a>		Chapter 10 Test

