

Merrimack School District
Essential Learning Competencies

	Merrimack Middle School
Grade Level	8
Discipline	Math
Course Title	Pre-Algebra

Quarter 1

Essential Learning Competencies	Formative Assessments	Summative Assessments
1.Review Fractions (all operations)	Classwork, Fraction Quiz from Khan Academy: Quiz 5; Quiz 7; Quiz 9	Unit Test on all operations with Fractions
2.Order of Real Numbers	Classwork, Exit Slips, Quiz on 1.1-1.4	Unit Test on 1.1-1.4; 1.6, 1.7, 1.9, 1.10; Test Retakes
3.Square Roots and Roots	Classwork, Exit Slips; Quiz on 1.6, & 1.7	Unit Test to include 1.6, & 1.7; Test Retakes
4.Exponents	Classwork, Exit Slips; Quiz on 1.9 & 1.10	Unit Test to include 1.9 & 1.10; Test Retakes
5.Scientific Notation	Classwork, Exit Slips. Quiz on 2.1-2.4	Unit Test to include 2.1-2.9; Test Retakes
6.Solving Equations including Multi-Step Equations	Classwork, Exit Slips, Quiz on 2.5 - 2.9	Unit Test to include 2.1 - 2.9; Test Retakes
7. Functions	Classwork, Exit Slips, Quiz On 3.1 - 3.3	

Quarter 2

Essential Learning Competencies	Formative Assessments	Summative Assessments
1.Review Fractions (all operations)	Classwork, Fraction Quiz from Khan Academy: Quiz 5; Quiz 7; Quiz 9	Unit Test on all operations with Fractions
2.Order of Real Numbers	Classwork, Exit Slips, Quiz on 1.1-1.4	Unit Test on 1.1-1.4; 1.6-1.7,1.9,1.10; Test Retakes
3.Square Roots and Roots	Classwork, Exit Slips; Quiz on 1.6 & 1.7	Unit Test to include 1.6 & 1.7; Test Retakes
4.Exponents	Classwork, Topic Exit Slips; Quiz on 1.9 & 1.10	Unit Test to include 1.9 & 1.10; Test Retakes
5.Scientific Notation	Classwork, Exit Slips; Quiz on 2.1-2.4	Unit Test to include 2.1 - 2.9, Test Retakes
6.Solving Equations including Multi-Step Equations	Classwork. Exit Slips, Quiz on 2.6-2.9	Unit Test to include 2.1 - 2.9; Test Retakes
7. Functions	Classwork, Exit Slips, Quiz on 3.1 - 3.3	

Quarter 3

Essential Learning Competencies	Formative Assessments	Summative Assessments
1.		
2.		
3.		
4.		
5.		
6.		

Quarter 4

Essential Learning Competencies	Formative Assessments	Summative Assessments
1.		
2.		
3.		
4.		
5.		
6.		