

Merrimack School District
Essential Learning Competencies

School	Merrimack High School
Discipline	Mathematics
Course Title	Trigonometry

Quarter 1

Essential Learning Competencies	Links to Standards	Formative Assessments	Summative Assessments
Right triangle trigonometry and trigonometric functions	CCSS Functions	Quizzes, Classwork, Homework, Discussions, Observations	Unit One Exam
Trigonometric applications, law of sines and cosines	CCSS Geometry		Unit One Exam
Radian and degree measure, unit circle			Unit 2 Exam
Arc length, sector area, linear and angular velocity			Unit 2 Exam

Quarter 2

Essential Learning Competencies	Links to Standards	Formative Assessments	Summative Assessments
Graphs of trigonometric functions	CCSS Functions	Quizzes, Classwork, Homework, Discussions, Observations	Unit 3 Exam
Transformations, amplitude, period, domain and range.	CCSS Geometry		Unit 3 Exam
Trigonometric equations	CCSS Algebra		Unit 4 Exam
Trigonometric identities			Unit 4 Exam