

Merrimack School District
Essential Learning Competencies

School	Merrimack High School
Grade Level	9-12
Discipline	Mathematics
Course Title	Statistics comprehensive Semester Course

Quarter 1

Essential Learning Competencies	Link to Standards	Formative Assessments	Summative Assessments
Visual Displays	CCSS Probability and Statistics	Data Graphing Project	Unit One Exam
Measures of Center Mean, Mode, Median		Quiz 1	Unit One Exam
Measures of Dispersion, Standard Deviation, Range		Quiz 2	Unit One Exam
Percentiles, Quartiles, Five Number Summary		Quiz 3	Unit One Exam
Combinatorics, Permutations		Ordering Project, Quiz 4	Unit 2 Exam
Probability		Probability Project, Quiz 5	Unit 2 Exam

Quarter 2

Essential Learning Competencies	Link to Standards	Formative Assessments	Summative Assessments
Normal Curve	CCSS Probability and Statistics	Data Collection Project, Quiz 6	Unit 3 Exam
Confidence Intervals		Project Real Life Data , Quiz 7	Unit 3 Exam
Hypothesis Testing		Quiz 8	Unit 4 Exam
Linear Regression		Best Fit Project	Unit 4 Exam