

Curriculum Mapping

School Illini Bluffs High School School Year 2009-2010

Teacher _____ Email Address _____

Course Probability and statistics Grade Level 11+ Page _____

Month	ILS	Content	Skills	Assessments	Resources
August					
September					
October					
November					
December					
January	10A4 a	Data representaion	Represent and organize data by creating lists, charts, tables, frequency distributions, graphs, scatter plots, and box plots	Tests Quizzes Worksheets Boardwork Class discussion	Text Scientific calculator Graphing calculator Graph paper Teacher resource material Computer-generated worksheets
February	10C4 a	Probability	Use the fundamental counting principal Solve permutaions and combinations	Tests Quizzes Worksheets Boardwork Class discussion	Text Scientific calculator Graphing calculator Graph paper Teacher resource material Computer-

Month	ILS	Content	Skills	Assessments	Resources
					generated worksheets
March	10C4 b 10C5 b	Applications of probability	Use probability to describe mutually exclusive events and dependent and independent events Find expected values Find binomial probabilities	Tests Quizzes Worksheets Boardwork Class discussion	Text Scientific calculator Graphing calculator Graph paper Teacher resource material Computer-generated worksheets
April	10A5 10A4 b	Statistics	Use mean, median, mode , range, variance and standard deviation of a data set to analyze data with and without the use of technology Communicate the results of the represented data	Tests Quizzes Worksheets Boardwork Class discussion	Text Scientific calculator Graphing calculator Graph paper Teacher resource material Computer-generated worksheets
May	10B5 10C5	Applications of statistics	Study, interpret and evaluate statistical experiments Design a statistical experiment and/or survey	Tests Quizzes Worksheets Boardwork Class discussion	Text Scientific calculator Graphing calculator Graph paper Teacher resource material Computer-generated worksheets
June					