CONNEAUT AREA SCHOOL DISTRICT MATHEMATICS—Module 5				
UNIT OF STUDY: Statistics and Probability	COURSE/GRADE Grade 7	:	# WEEKS: 20 days	
Focus (emphasis) Standards/EC		Technology/ma	anipulatives	
MATHEMATIC UNIT OF STUDY: Statistics and COURSE/GRADE Probability Grade 7		Calculators, Sm	artboard, Study Island, rulers, ighlighters, colored pencils, cards,	

M07.D-S.3.2.3 Find probabilities of independent compound events using organized lists, tables,	
tree diagrams, and simulation.	
Important (reinforced) Standards/EC	Reading, writing, speaking strategies
 <u>CC.2.4.7.B.1</u> Draw inferences about populations based on random sampling concepts M07.D-S.1.1.1 Determine whether a sample is a random sample given a real-world situation. M07.D-S.1.1.2 Use data from a random sample to draw inferences about a population with an unknown characteristic of interest. Example 1: Estimate the mean word length in a book by 	Journaling, read aloud, persuasive/informational/expository writing, graphic organizers, Frayer model, lecture, cooperative learning, board work, demonstration, Think-Pair-Share, note-taking, crossword puzzles
randomly sampling words from the book. Example 2: Predict the winner of a school	
election based on randomly sampled survey data.	
Vocabulary	Questioning and discussion techniques
Complementary events, compound event, dependent event, experimental probability, fair, Counting Principle, independent events, outcome, permutation, probability, random, relative frequency, sample space, simple event, simulation, theoretical probability, tree diagram, unfair, biased sample, double box plot, double dot plot, population, sample, random sample, statistics, survey, unbiased sample, chance, likely event, equally likely, population	Bellringers, Exit tickets, discovery, small/large groups, peer tutoring, games, homework review, dry erase boards
Real life application	Performance assessment
Cards, sports, biology, production, agriculture, sales, business	Test, Quiz, Performance Task, Homework, Projects, Notebooks, Study Island
Computation	Accommodations/adaptations
Operations involving real numbers	Differentiation strategies, small group instruction, cooperative learning, guided practice, peer tutoring, limited problems/choices, manipulatives and models, clarity checks, diagrams and graphs

SAS Module Resources <u>www.pdesas.org</u> : *Grade 7 Mathematics Assessment Anchors and Eligible Content *Mathematics Glossary *PA Core Mathematics, Grades PreK-12 *PA Standards Instructional Frameworks: Math (Go to Teacher Tools then Curriculum Mapping) *Math Cluster Matrix – Tri-folds 6-7-8	