

Year	Development	Grade	Overview
2009	Sampling for a Rock Concert	Grades 7-12	Students will design and critique surveys based first upon prior knowledge and then upon principles of simple random sampling learned throughout the unit. Additionally, students will use results from surveys in order to make predications about a population.
2008	<u>Misleading or Not - Communicating Data Effectively</u>	Grades 7-12	The purpose of this unit is to give the students an overview of the various ways that statistical information can be used and misused. Students will explore the implications of bias in data, decide which measures of central tendency would best represent a set of data, and determine why graphs may or may not be considered misleading.
2006	Designing Simulations Part II Part III	Grades 8 – 10, Data Analysis	Students will build on their prior knowledge of probability while learning how to design and conduct simulations. Students will use manipulatives and calculator simulators to estimate probabilities and gather data to make inferences and conclusions.