Teacher: Marc Belfer Course: Prob and Stats Period(s): 1 Week of: February 5- 9, 2018

	Standards	Goals As a result of this lesson the student will be able to:	Instructional Strategies What the teacher will do to ensure the student meets the goals:	Activities The student will:	Homework & Assessment Student achievement will be measured by:
Monday	SPMJ.1	Understand statistics and sampling distributions as a process for making inferences about population parameters based on a random sample from that population.	ESOL Accommodations: Follow oral instructions to design math graphs using manipulatives and illustrated examples in small groups. Cooperative learning, extended time for completion of assignments, rephrase directions as needed, small group extended learning, and reduce number of questions on or alternate forms of assessments as needed. Powerpoint Notes, Interactive assignments such as vocabulary cards, electronic games, and MDC activities. Project based learning to ensure mastery of concepts.	Essential Question: TE _____Alternative Lesson Openers: Electronic Classroom _____Classroom Activity: Lesson 8-2 (Data Gathering) _____Examples 1–4: PE _____Extra Examples 1–4 with Key Questions: TE	Lesson 8-2 HW: Page 555: 1- 9

Tuesday	SPMJ.5	Distinguish between experiments and observational studies. Determine which of two or more experimental designs will best answer a given research question and justify the choice based on statistical significance.	ESOL Accommodations: Follow oral instructions to design math graphs using manipulatives and illustrated examples in small groups. Cooperative learning, extended time for completion of assignments, rephrase directions as needed, small group extended learning, and reduce number of questions on or alternate forms of assessments as needed. Powerpoint Notes, Interactive assignments such as vocabulary cards, electronic games, and MDC activities. Project based learning to ensure mastery of concepts.	_____Essential Question: TE _____Alternative Lesson Openers: Electronic Classroom _____Classroom Activity: Lesson 8-3 (Surveys, Experiments, and Observational Studies) _____Examples 1–4: PE _____Extra Examples 1–4 with Key Questions: TE	Lesson 8-3 HW: Page 563: 1- 12

Wednesday	SPMJ.4	Use data from a sample survey to estimate a population mean or proportion; develop a margin of error through the use of simulation models for random sampling.	ESOL Accommodations: Follow oral instructions to design math graphs using manipulatives and illustrated examples in small groups. Cooperative learning, extended time for completion of assignments, rephrase directions as needed, small group extended learning, and reduce number of questions on or alternate forms of assessments as needed. Powerpoint Notes, Interactive assignments such as vocabulary cards, electronic games, and MDC activities. Project based learning to ensure mastery of concepts.	_____Essential Question: TE _____Alternative Lesson Openers: Electronic Classroom _____Classroom Activity: Lesson 8-4 (Significance of Experimental Results) _____Examples 1–4: PE _____Extra Examples 1–4 with Key Questions: TE	Lesson 8-4 HW: Pages 570- 571: 3- 9

Thursday	SPMJ.4	Use data from a sample survey to estimate a population mean or proportion; develop a margin of error through the use of simulation models for random sampling.	ESOL Accommodations: Follow oral instructions to design math graphs using manipulatives and illustrated examples in small groups. Cooperative learning, extended time for completion of assignments, rephrase directions as needed, small group extended learning, and reduce number of questions on or alternate forms of assessments as needed. Powerpoint Notes, Interactive assignments such as vocabulary cards, electronic games, and MDC activities. Project based learning to ensure mastery of concepts.	_____Essential Question: TE _____Alternative Lesson Openers: Electronic Classroom _____Classroom Activity: Lesson 8-5 (Sampling Distributions) _____Examples 1–4: PE _____Extra Examples 1–4 with Key Questions: TE	Lesson 8-5 HW: Page 583: 2- 9

Friday	SPMJ.5	Distinguish between experiments and observational studies. Determine which of two or more experimental designs will best answer a given research question and justify the choice based on statistical significance.	ESOL Accommodations: Follow oral instructions to design math graphs using manipulatives and illustrated examples in small groups. Cooperative learning, extended time for completion of assignments, rephrase directions as needed, small group extended learning, and reduce number of questions on or alternate forms of assessments as needed. Powerpoint Notes, Interactive assignments such as vocabulary cards, electronic games, and MDC activities. Project based learning to ensure mastery of concepts.	_____Essential Question: TE _____Alternative Lesson Openers: Electronic Classroom _____Classroom Activity: Lesson 8-6 (Compare Surveys, Experiments, and Observational Studies) _____Examples 1–4: PE _____Extra Examples 1–4 with Key Questions: TE	Lesson 8-6

* All plans are subject to change. Student progress will be monitored and adjustments will be made.