Teacher: Marc Belfer Course: Prob and Stats Period(s): 1 Week of: February 12- 16, 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	process for m	ributions as a laking inferences tion parameters andom sample	examples in sr Cooperative le extended time of assignments directions as n group extende reduce number on or alternate assessments as Powerpoint No	structions to raphs using and illustrated mall groups. earning, for completion s, rephrase eeded, small d learning, and r of questions of s needed. otes, ignments such cards, nes, and MDC learning to	Openers: ElectClassroo Lesson 8-2 (DaExample	ronic Classroom om Activity: ata Gathering) es 1–4: PE amples 1–4 with	Lesson 8-2 HW: Page 555	5: 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.	Essential Question: TEAlternative Lesson Openers: Electronic ClassroomClassroom Activity: Lesson 8-3 (Surveys, Experiments, and Observational Studies)Examples 1–4: PEExtra Examples 1–4 with Key Questions: TE	Lesson 8-3 HW: Page 563: 1- 12
Tuesday		given research question and justify the choice based on	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.	Experiments, and Observational Studies) Examples 1–4: PEExtra Examples 1–4 with	
			Powerpoint Notes, Interactive assignments such as vocabulary cards, electronic games, and MDC activities. Project based learning to ensure mastery of concepts.		

	SPMJ.4	Use data from a sample	ESOL Accommodations:	Essential Question: TE	Lesson 8-4
		survey to estimate a	Follow oral instructions to	Alternative Lesson	HW: Pages 570- 571: 3-9
		population mean or proportion; develop a margin of error through the use of simulation models for random sampling.	design math graphs using manipulatives and illustrated examples in small groups. Cooperative learning, extended time for completion	Openers: Electronic ClassroomClassroom Activity: Lesson 8-4 (Significance of Experimental Results)Examples 1–4: PEExtra Examples 1–4 with	
Wednesday			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.	Key Questions: TE	

	SPMJ.4	Use data from a sample	ESOL Accommodations:	Essential Question: TE	Lesson 8-5
Themes		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.	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	Essential Question: TEAlternative Lesson Openers: Electronic ClassroomClassroom Activity: Lesson 8-5 (Sampling Distributions)Examples 1-4: PEExtra Examples 1-4 with Key Questions: TE	Lesson 8-5 HW: Page 583: 2-9
			activities. Project based learning to ensure mastery of concepts.		

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: TEAlternative Lesson Openers: Electronic ClassroomClassroom Activity: Lesson 8-6 (Compare Surveys, Experiments, and Observational Studies)Examples 1-4: PEExtra Examples 1-4 with Key Questions: TE	Lesson 8-6
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^{*} All plans are subject to change. Student progress will be monitored and adjustments will be made.