Teacher: Marc Belfer Course: Prob & Stats Period(s): 1 Week of/Dates of Unit: April 9-13, 2018

	Standards	Goals As a result of this lesson the student will be able to:	Instructional Plan Activities(aligned, sequenced, build, time) (Grouping, Materials, Accommodations)	Student Work: (Thinking & Problem Solving, Real World)	Assessment (aligned, rubrics, written)
Monday	PS.SPMJ.1	Understand statistics and sampling distributions as a process for making inferences about population parameters based on a random sample from the population.	ESOL Accommodations: 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 1-2 Notes _____Examples 1–4: PE _____Extra Examples 1–4 with Key Questions: TE	Lesson 1-2 Data Classification

Tuesday	PS.SPMJ.1	Understand statistics and sampling distributions as a process for making inferences about population parameters based on a random sample from the population.	ESOL Accommodations: 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 1-2 Classwork _____Examples 1–4: PE _____Extra Examples 1–4 with Key Questions: TE	Lesson 1-2 Data Classification SAT Testing
Wednesday	PS.SPMJ.2 PS.SPMJ.3 PS.SPMJ.5 PS.SPMJ.6	See Below.	ESOL Accommodations: 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 1-3 Notes _____Examples 1–4: PE _____Extra Examples 1–4 with Key Questions: TE	Lesson 1-3 Data Collection and Experimental Design

Thursday	PS.SPMJ.2 PS.SPMJ.3 PS.SPMJ.5 PS.SPMJ.6	See Below.	ESOL Accommodations: 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 1-3 Classwork _____Examples 1-4: PE _____Extra Examples 1–4 with Key Questions: TE	Lesson 1-3 Data Collection and Experimental Design
Friday	PS.SPMJ.2 PS.SPMJ.3 PS.SPMJ.5 PS.SPMJ.6	See Below.	ESOL Accommodations: 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: Chapter 1 Assessment _____Examples 1-4: PE _____Extra Examples 1–4 with Key Questions: TE	Chapter 1 Assessment

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

PS.SPMJ.2* Distinguish between experimental and theoretical probabilities. Collect data on a chance event and use the relative frequency to estimate the theoretical probability of that event. Determine whether a given probability model is consistent with experimental results.

PS.SPMJ.3 Plan and conduct a survey to answer a statistical question. Recognize how the plan addresses sampling technique, randomization, measurement of experimental error and methods to reduce bias.

PS.SPMJ.5 Distinguish between experiments and observational studies. Determine which of two or more possible experimental designs will best answer a given research question and justify the choice based on statistical significance.

PS.SPMJ.6 Evaluate claims and conclusions in published reports or articles based on data by analyzing study design and the collection, analysis, and display of the data.