Teacher: Marc Belfer

Course: Pre-Calculus

Period(s): 3

Week of: February 26- March 2, 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	PC.NCNS.2	the commutat and distributi	on i ² =-1 and tive, associative, ve properties to , and multiply abers.	examples in s Cooperative le extended time of assignment directions as r group extender reduce number on or alternate assessments a PowerPoint N Interactive ass as vocabulary electronic gan Edmodo. Proj	astructions to graphs using and illustrated mall groups. earning, e for completion es, rephrase needed, small ed learning, and er of questions e forms of s needed. lotes, signments such cards, ne, and	Alternat Openers: Elect Classroo Lesson 3.5 Example	l Question: TE ive Lesson cronic Classroom om Activity: es 1–4: PE camples 1–4 with o: TE	Lesson 3.5 Interactive Dis	scussions

Tuesday	PC.NCNS.3	Find the conjugate of a complex number in rectangular and polar forms and use conjugates to find moduli and quotients of complex numbers.	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 game, and Edmodo. Project based learning to ensure mastery of concepts.	Essential Question: TE Alternative Lesson Openers: Electronic Classroom Classroom Activity: Lesson 3.6 Examples 1–4: PE Extra Examples 1–4 with Key Questions: TE	Lesson 3.6 Interactive Discussions
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Wednesday	PC.NCNS.5	Represent addition, subtraction, multiplication, and conjugation of complex numbers geometrically on the complex plane; use properties of this representation for computation.	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 game, and Edmodo. Project based learning to ensure mastery of	Essential Question: TE Alternative Lesson Openers: Electronic Classroom Classroom Activity: Lesson 3.7 Examples 1–4: PE Extra Examples 1–4 with Key Questions: TE	Lesson 3.7 Interactive Discussions
			Edmodo. Project based learning to ensure mastery of concepts.		

Thursday	PC.NCNS.7	Solve quadratic equations in one variable that have complex solutions.	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 game, and Edmodo. Project based learning to ensure mastery of	Essential Question: TE Alternative Lesson Openers: Electronic Classroom Classroom Activity: Lesson 3.8 Examples 1–4: PE Extra Examples 1–4 with Key Questions: TE	Lesson 3.8 Interactive Discussions
			Edmodo. Project based learning to ensure mastery of concepts.		

Friday	PC.NCNS.9	Know the Fundamental Theorem of Algebra and explain why complex roots of polynomials with real coefficients must occur in conjugate pairs.	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: TE Alternative Lesson Openers: Electronic Classroom Classroom Activity: Lesson 3.9 Examples 1–4: PE Extra Examples 1–4 with Key Questions: TE	Lesson 3.9 Interactive Discussions
		conjugate pairs.	extended time for completion	Extra Examples 1–4 with	
lay			directions as needed, small		
Frid			reduce number of questions		
			assessments as needed. PowerPoint Notes,		
			Interactive assignments such as vocabulary cards,		
			electronic game, and Edmodo. Project based		
			learning to ensure mastery of		
			concepts.		

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