

	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:
<b>Monday</b>	PC.NCNS.2	Use the relation $i^2 = -1$ and the commutative, associative, and distributive properties to add, subtract, and multiply 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.	<p>_____ Essential Question: TE</p> <p>_____ Alternative Lesson</p> <p>Openers: Electronic Classroom</p> <p>_____ Classroom Activity:</p> <p>Lesson 3.5</p> <p>_____ Examples 1–4: PE</p> <p>_____ Extra Examples 1–4 with</p> <p>Key Questions: TE</p>	Lesson 3.5 Interactive Discussions

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.	<p>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.</p> <p>PowerPoint Notes, Interactive assignments such as vocabulary cards, electronic game, and Edmodo. Project based learning to ensure mastery of concepts.</p>	<p>_____ 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</p>	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.	<p>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.</p> <p>PowerPoint Notes, Interactive assignments such as vocabulary cards, electronic game, and Edmodo. Project based learning to ensure mastery of concepts.</p>	<p>_____ 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</p>	Lesson 3.7 Interactive Discussions
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Thursday	PC.NCNS.7	Solve quadratic equations in one variable that have complex solutions.	<p>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.</p>	<p>_____ 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</p>	<p>Lesson 3.8 Interactive Discussions</p>
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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. 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 3.9 ____ Examples 1–4: PE ____ Extra Examples 1–4 with Key Questions: TE	Lesson 3.9 Interactive Discussions
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\* All plans are subject to change. Student progress will be monitored and adjustments will be made.