Teacher: Marc Belfer

Course: Pre-Calculus

Period(s): 3

Week of: May 14- 18, 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.FBF.5 PC.FLQE.4	that exponent logarithmic fu inverses of ea this relationsh problems inve logarithms an Express a log solution to the equation, $=d$ d are number is 2, 10, or e;	tion composition tial and unctions are ach other and use hip to solve olving ad exponents. the exponential where $a, c$ , and s and the base $b$	examples in sr Cooperative le extended time of assignments directions as n group extende reduce number on or alternate assessments as Powerpoint Ne	modations: structions to raphs using and illustrated nall groups. earning, for completion s, rephrase needed, small d learning, and r of questions of forms of s needed. otes, ignments such cards, nes, and MDC learning to	Alternati Openers: Elect Classroo Lesson 11.1 Example	l Question: TE ive Lesson ronic Classroom om Activity: es 1–4: PE amples 1–4 with : TE	Lesson 11.1 Interactive Dis	scussions

	PC.FBF.5	Understand and verify	ESOL Accommodations:	Essential Question: TE	Lesson 11.2
Turocher		through function composition that exponential and logarithmic functions are inverses of each other and use this relationship to solve problems involving logarithms and exponents. Express a logarithm as the solution to the exponential equation, $=d$ where $a, c$ , and d are numbers and the base $bis 2, 10, or e; evaluate thelogarithm using technology.$	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.	Alternative Lesson Openers: Electronic Classroom Classroom Activity: Lesson 11.2 Examples 1–4: PE Extra Examples 1–4 with Key Questions: TE	Interactive Discussions

day	.FLQE.4	Understand and verify through function composition that exponential and logarithmic functions are inverses of each other and use this relationship to solve problems involving logarithms and exponents. Express a logarithm as the solution to the exponential equation, $=d$ where $a, c$ , and d are numbers and the base $bis 2, 10, or e; evaluate thelogarithm using technology.$	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: Writing District Exam Lesson 11.3 Examples 1–4: PE Extra Examples 1–4 with Key Questions: TE	Writing District Exam Lesson 11.3 Interactive Discussions
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Thursday	PC.FBF.5 PC.FLQE.4	Understand and verify through function composition that exponential and logarithmic functions are inverses of each other and use this relationship to solve problems involving logarithms and exponents. Express a logarithm as the solution to the exponential equation, $=d$ where $a, c$ , and d are numbers and the base $bis 2, 10, or e; evaluate thelogarithm using technology.$	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	Essential Question: TE Alternative Lesson Openers: Electronic Classroom Classroom Activity: Lesson 11.4 Examples 1–4: PE Extra Examples 1–4 with Key Questions: TE	Lesson 11.4 Interactive Discussions
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Friday	PC.FBF.5 PC.FLQE.4	Understand and verify through function composition that exponential and logarithmic functions are inverses of each other and use this relationship to solve problems involving logarithms and exponents. Express a logarithm as the solution to the exponential equation, $=d$ where $a, c$ , and d are numbers and the base $bis 2, 10, or e; evaluate thelogarithm using technology.$	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,	Essential Question: TE Alternative Lesson Openers: Electronic Classroom Classroom Activity: Lesson 11.5 Examples 1–4: PE Extra Examples 1–4 with Key Questions: TE	Lesson 11.5 Interactive Discussions
		is 2, 10, or e; evaluate the	Powerpoint Notes, Interactive assignments such as vocabulary cards,		
			electronic games, and MDC activities. Project based learning to ensure mastery of concepts.		

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