

TEHACHAPI HIGH SCHOOL WEEKLY LESSON PLAN

Course Algebra II Period(s) All Teacher Clifton/Kimbrough Week Beginning 2/3/20

	<i>Objectives (AIM)</i>	<i>Lesson Activities (AGENDA)</i>	<i>Assignments (HOMEWORK)</i>
	What standards and objectives will be addressed?	What will the teacher and students be doing during the class period?	Class work, homework, projects, presentations, papers, tests, etc. And dates due
Monday	<p>Standard: F.IF.7.e Graph exponential and logarithmic functions, showing intercepts and end behavior, and trigonometric functions, showing period, midline, and amplitude. F.IF.8.b Use the properties of exponents to interpret expressions for exponential functions.</p> <p>Objective: Graphing Exponential Functions (7-1)</p>	Students will graph exponential growth and decay functions.	<p>Warm-Ups: Due during class.</p> <p>Homework: p456 13-31 odd</p>
Tuesday	<p>Standard: A.CED.1 Create equations and inequalities in one variable and use them to solve problems. F.LE.4 For exponential models, express as a logarithm the solution to $ab^{ct} = d$ where a, c, and d are numbers and the base b is 2, 10, or e; evaluate the logarithm using technology.</p> <p>Objective: Solving Exponential Equations and Inequalities (7-2)</p>	Students will solve exponential equations and inequalities.	<p>Warm-Ups: None.</p> <p>Homework: p464 1-7 odd</p>
Wednesday	<p>Standard: A.CED.1 Create equations and inequalities in one variable and use them to solve problems. F.LE.4 For exponential models, express as a logarithm the solution to $ab^{ct} = d$ where a, c, and d are numbers and the base b is 2, 10, or e; evaluate the logarithm using technology.</p> <p>Objective: Solving Exponential Equations and Inequalities (7-2)</p>	Students will solve exponential equations and inequalities.	<p>Warm-Ups: Due in Class.</p> <p>Homework: p464 9-29 odd, 33-37 odd</p>
Thursday	<p>Standard: F.IF.7.e Graph exponential and logarithmic functions, showing intercepts and end behavior, and trigonometric functions, showing period, midline, and amplitude. F.BF.3 Identify the effect on the graph of replacing $f(x)$ by $f(x) + k$, $k f(x)$, $f(kx)$, and $f(x + k)$ for specific values of k (both positive and negative); find the value of k given the graphs. Experiment with cases and illustrate an explanation of the effects on the graph using technology.</p> <p>Objective: Logarithms and Logarithmic Functions (7-3)</p>	Students will evaluate and graph logarithmic functions and expressions.	<p>Warm-Ups: None</p> <p>Homework: p472 1-11 odd</p>
Friday	<p>Standard: F.IF.7.e Graph exponential and logarithmic functions, showing intercepts and end behavior, and trigonometric functions, showing period, midline, and amplitude. F.BF.3 Identify the effect on the graph of replacing $f(x)$ by $f(x) + k$, $k f(x)$, $f(kx)$, and $f(x + k)$ for specific values of k (both positive and negative); find the value of k given the graphs. Experiment with cases and illustrate an explanation of the effects on the graph using technology.</p> <p>Objective: Logarithms and Logarithmic Functions (7-3)</p>	Students will evaluate and graph logarithmic functions and expressions.	<p>Warm-Ups: Due in Class</p> <p>Homework: p472 13-47 odd, 51-57 odd</p>

Due in office first day of each school week. Distribution: original to office, 1 copy to post in classroom, 1 copy for teacher records.