

# TEHACHAPI HIGH SCHOOL WEEKLY LESSON PLAN

Course Algebra II Period(s) All Teacher Clifton/Kimbrough Week Beginning 3/9/20

	<i>Objectives (AIM)</i>	<i>Lesson Activities (AGENDA)</i>	<i>Assignments (HOMEWORK)</i>
	<b>What standards and objectives will be addressed?</b>	<b>What will the teacher and students be doing during the class period?</b>	<b>Class work, homework, projects, presentations, papers, tests, etc. And dates due</b>
<b>Monday</b>	<p><b>Standard:</b> A.CED.2 Create equations in two or more variables to represent relationships between quantities; graph equations on coordinate axes with labels and scales. F.BF.3 Identify the effect on the graph of replacing <math>f(x)</math> by <math>f(x) + k</math>, <math>k f(x)</math>, <math>f(kx)</math>, and <math>f(x + k)</math> for specific values of <math>k</math> (both positive and negative); find the value of <math>k</math> given the graphs. Experiment with cases and illustrate an explanation of the effects on the graph using technology.</p> <p><b>Objective:</b> Graphing Reciprocal Functions (8-3)</p>	Students will determine properties of reciprocal functions and graph transformations of reciprocal functions.	<p>Warm-Ups: None.</p> <p>Homework: p549 1-23 odd</p>
<b>Tuesday</b>	<p><b>Standard:</b> A.CED.2 Create equations in two or more variables to represent relationships between quantities; graph equations on coordinate axes with labels and scales. F.BF.3 Identify the effect on the graph of replacing <math>f(x)</math> by <math>f(x) + k</math>, <math>k f(x)</math>, <math>f(kx)</math>, and <math>f(x + k)</math> for specific values of <math>k</math> (both positive and negative); find the value of <math>k</math> given the graphs. Experiment with cases and illustrate an explanation of the effects on the graph using technology.</p> <p><b>Objective:</b> Graphing Reciprocal Functions (8-3)</p>	Students will determine properties of reciprocal functions and graph transformations of reciprocal functions.	<p>Warm-Ups: Due in class.</p> <p>Homework: p549 25-35 odd</p>
<b>Wednesday</b>	<p><b>Standard:</b> A.CED.2 Create equations in two or more variables to represent relationships between quantities; graph equations on coordinate axes with labels and scales. F.IF.9 Compare properties of two functions each represented in a different way (algebraically, graphically, numerically in tables, or by verbal descriptions).</p> <p><b>Objective:</b> Graphing Rational Functions (8-4)</p>	Students will graph rational functions with vertical, horizontal and oblique asymptotes and point discontinuities.	<p>Warm-Ups: None</p> <p>Homework: p557 1-7 odd</p>
<b>Thursday</b>	<p><b>Standard:</b> A.CED.2 Create equations in two or more variables to represent relationships between quantities; graph equations on coordinate axes with labels and scales. F.IF.9 Compare properties of two functions each represented in a different way (algebraically, graphically, numerically in tables, or by verbal descriptions).</p> <p><b>Objective:</b> Graphing Rational Functions (8-4)</p>	Students will graph rational functions with vertical, horizontal and oblique asymptotes and point discontinuities.	<p>Warm-Ups: Due during class.</p> <p>Homework: p558 9-35 odd</p>
<b>Friday</b>	<h2 style="font-size: 2em;">Pi Day Celebration</h2>		

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