

## USD 230 Curriculum Map

Grade: 11<sup>th</sup>-12<sup>th</sup>      Subject: Trigonometry

Unit: Chapter 1, Relations, Functions, and Graphs      Quarter Taught: 1st

Tested State Indicators	District Objectives/Outcomes/ Key Concepts	Instructional Strategies	Student Activities or Product(s)	Resources Used	Methods of Assessment
none	<p><b>Identify functions, domain, and range.</b></p> <p><b>Combine functions through addition, subtraction, multiplication, division, and composition.</b></p> <p><b>Find slope, intercepts, zeros, and graphs of linear functions.</b></p> <p><b>Write linear equations given points and slope or lines parallel or perpendicular to them.</b></p> <p><b>Find lines of best fit.</b></p> <p><b>Identify and graph piecewise functions, absolute value functions, and inequalities.</b></p>	<p><i>Declarative Knowledge</i></p> <p>___ 3 Minute Pause</p> <p>___ Front Loading</p> <p>_x_ Note-Taking</p> <p>_x_ Graphs or Charts</p> <p>_x_ Questions</p> <p>_x_ Linking</p> <p>___ Pegboard</p> <p>___ 5-Step vocabulary</p> <p><i>Procedural Knowledge</i></p> <p>_x_ Think aloud</p> <p>_x_ Shaping</p> <p>_x_ Practice</p> <p><i>Extend/Refine Knowledge</i></p> <p>_x_ Comparing/contrasting</p> <p>_x_ Classifying</p> <p>_x_ Abstracting</p> <p>_x_ Inductive/Deductive</p> <p>_x_ Constructing Support</p> <p>_x_ Analyzing Errors</p> <p>_x_ Analyzing perspective</p>	None this unit	<p><b>Textbook</b></p> <p><b>Worksheets</b></p> <p><b>Graphing Calculators</b></p>	<p><b>Daily warm up exercises</b></p> <p><b>Daily homework</b></p> <p><b>Class discussions (and thinking aloud)</b></p> <p><b>Quizzes</b></p> <p><b>Chapter Test</b></p> <p><b>Data collections and analysis lab(s)</b></p>