

USD 230 Curriculum Map

Grade: 11th-12th Subject: Trigonometry

Unit: Chapter 12, Sequences and Series Quarter Taught: 4th

Tested State Indicators	District Objectives/Outcomes/ Key Concepts	Instructional Strategies	Student Activities or Product(s)	Resources Used	Methods of Assessment
none	<p>Find the nth term, means, and sum of n terms of arithmetic and geometric sequences and series</p> <p>Find the limit of terms of an infinite sequence</p> <p>Find the sum of infinite geometric series</p> <p>Determine whether a series is convergent or divergent</p> <p>Use sigma notation</p> <p>Use Pascal's Triangle and the Binomial Theorem to expand binomials</p>	<p><i>Declarative Knowledge</i></p> <p>___ 3 Minute Pause</p> <p><input checked="" type="checkbox"/> Front Loading</p> <p><input checked="" type="checkbox"/> Note-Taking</p> <p><input checked="" type="checkbox"/> Graphs or Charts</p> <p><input checked="" type="checkbox"/> Questions</p> <p><input checked="" type="checkbox"/> Linking</p> <p>___ Pegboard</p> <p>___ 5-Step vocabulary</p> <p><i>Procedural Knowledge</i></p> <p><input checked="" type="checkbox"/> Think aloud</p> <p><input checked="" type="checkbox"/> Shaping</p> <p><input checked="" type="checkbox"/> Practice</p> <p><i>Extend/Refine Knowledge</i></p> <p><input checked="" type="checkbox"/> Comparing/contrasting</p> <p><input checked="" type="checkbox"/> Classifying</p> <p>___ Abstracting</p> <p><input checked="" type="checkbox"/> Inductive/Deductive</p> <p>___ Constructing Support</p> <p><input checked="" type="checkbox"/> Analyzing Errors</p> <p><input checked="" type="checkbox"/> Analyzing perspective</p>	<p>Student discovered sequences and series</p>	<p>Text</p> <p>Worksheet</p> <p>Nth term and sum formulas</p>	<p>Daily warm up exercises</p> <p>Daily homework</p> <p>Quiz</p> <p>Chapter Test</p>