

Unit 5C Agenda – Sinusoidal Applications – 2019/2020

Students will investigate and use the graphs of the six trigonometric functions.

a. Apply graphs of trigonometric functions in realistic contexts involving periodic phenomena.

Friday December 6	Characteristics of Sine & Cosine Graphs Intro to Sinusoidal Applications WS
Monday December 9	Writing Equations of Sine and Cosine Graphs Trig Graphing WS 3 and Trig Graphing WS 4
Tuesday December 10	Writing Equations of Sine and Cosine Graphs More Equation Writing WS
Wednesday December 11	QUIZ – Writing Equations
Thursday, December 12 – Monday, December 16 ... Review for Final Exam	
Tuesday, December 17 – Friday, December 20 ... Final Exams	
Monday January 6	Sinusoidal Applications and Models (Harmonics) Calculator Guidelines Sinusoidal Applications Waterwheel Example WS – Sinusoidal Functions as Mathematical Models #2 and 3 only
Tuesday January 7	more Sinusoidal Applications and Models Tide Problem Warm-up WS – Sinusoidal Functions as Mathematical Models #1, 4 – 7
Wednesday January 8	more Sinusoidal Applications and Models Practice Quiz Question WS – Sinusoidal Functions as Mathematical Models #8 – 11
Thursday January 9	QUIZ – Sinusoidal Applications Review WS
Friday January 10	Continue Review for Test Ferris Wheel Warm-up
Monday January 13	TEST – Sinusoidal Applications