

SST Unit: Grade 9-12
Standing Waves
Related California Content Standards
And California Common Core Standards Alignment

Math: Grade 9-12 – CSS California State Standards	Math: Grade 9-12 – CaCCSS California Common Core State Standards
<p>Algebra 15.0 Students apply algebraic techniques to solve rate problems, work problems, and percent mixture problems.</p> <p>Trigonometry 2.0 Students know the definition of sine and cosine as y- and x-coordinates of points on the unit circle and are familiar with the graphs of the sine and cosine functions.</p>	<p>No Alignment</p> <p>Functions: Trigonometric Functions (TF) 9-12.TF.2 Explain how the unit circle in the coordinate plane enables the extension of trigonometric functions to all real numbers, interpreted as radian measures of angles traversed counterclockwise around the unit circle.</p> <p>9-12.TF.3 Use special triangles to determine geometrically the values of sine, cosine, tangent for $\pi/3$, $\pi/4$ and $\pi/6$, and use the unit circle to express the values of sine, cosines, and tangent for x, $\pi+x$, and $2\pi-x$ in terms of their values for x, where x is any real number.</p>
Language Arts: Grade 9-12 California State Standards	Language Arts: Grade 9-12 - CaCCSS California Common Core State Standards
N/A	

English Language Development: Grade 4
Not yet addressed in the Common Core Standards

Current California State ELD Standards

Reading Comprehension

Read and listen to simple stories and demonstrate understanding by using simple sentences to respond to explicit detailed questions.

Read and use detailed sentences to orally identify main ideas and use them to make predictions and provide supporting details for predictions made.