

## California Academic Content Standards Correlation Report for Math & Music Multimedia Lessons

Mathematics Standards for Grade 7	Exploring Numbers					Mathematics of Music	Science of Music			Spaces & Shapes		
	Primes	Abacus	Ancient Numbers	Duplation	Tallies	Ratios	How We Hear	Physics of Sound	Physics of Music	Areas	Angles & Triangles	Pythagorean Theorem
Number Sense – 2.3	x											
Algebra and Functions – 2.1						x						
Measurement and Geometry – 2.1										x		
Measurement and Geometry – 2.3						x						
Measurement and Geometry – 2.4						x						
Measurement and Geometry – 3.1										x	x	
Measurement and Geometry – 3.3												x
Mathematical Reasoning – 1.1	x	x	x	x								
Mathematical Reasoning – 1.2						x					x	x
Mathematical Reasoning – 2.4				x								
Mathematical Reasoning – 2.5		x	x	x	x	x	x			x	x	x
Mathematical Reasoning – 2.6		x	x	x	x	x				x	x	x
Mathematical Reasoning – 3.3				x								
Mathematics Standards for Grades 8-12												
Algebra I– 11	x											
Algebra I– 12	x											
Geometry - 1				x		x					x	x
Geometry - 8										x		
Geometry - 10										x		
Geometry - 12											x	x
Geometry - 14											x	x
Geometry - 15											x	x
Geometry - 19											x	x
Geometry - 20											x	x
Algebra II - 7	x											
Algebra II - 21				x								
Algebra II - 25										x		
Trigonometry - 1											x	
Trigonometry - 2											x	
Trigonometry - 3											x	
Trigonometry – 3.1											x	x
Trigonometry – 3.2											x	
Trigonometry - 5											x	
Trigonometry - 10											x	x
Trigonometry - 11											x	

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Trigonometry - 12												X	X
Trigonometry - 14												X	
Trigonometry - 19							X		X	X		X	
Mathematical Analysis - 3				X					X	X		X	
<b>Science Standards for Grade 7</b>													
Life Science: Structure and Function in Living Systems: 5g								X	X	X			
<b>Science Standards for Grade 8</b>													
Physical Science: Motion : 1c									X	X	X		
Physical Science: Motion: 1d									X				
<b>Science Standards for Grades 9-12</b>													
Physics: Waves : 4b									X				
Physics: Waves : 4c								X	X	X			
Physics: Waves : 4d								X	X	X			
Physics: Waves : 4e									X				
Physics: Waves : 4f								X	X	X			
Earth Sciences : Investigation and Experimentation : 1a									X	X			

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	Chapter 1	Chapter 2	Chapter 3	Chapter 4	Chapter 5	Chapter 6	Chapter 7	Chapter 8
<b>Mathematics Standards for Grade 7</b>	Mathematics or Arithmetic	Early Number Systems	Operations of Arithmetic	Number Patterns	Introduction to Algebra	Exploring Trigonometry	Mathematical Reasoning	Science of Sound
Number Sense – 1.4							x	
Number Sense – 2.2			x					
Number Sense – 2.3			x	x				
Number Sense – 2.5			x					
Algebra and Functions – 1.1					x			
Algebra and Functions – 1.4					x			
Measurement and Geometry – 2.1			x					
Measurement and Geometry – 3.3							x	
Mathematical Reasoning – 1.1	x	x	x	x				
Mathematical Reasoning – 1.2						x	x	
Mathematical Reasoning – 2.2				x				
Mathematical Reasoning – 2.3					x			
Mathematical Reasoning – 2.4			x					
Mathematical Reasoning – 2.5	x	x	x		x	x	x	x
Mathematical Reasoning – 2.6	x	x	x		x	x	x	
Mathematical Reasoning – 3.3			x					
<b>Mathematics Standards for Grades 8-12</b>								
Algebra I- 11				x				
Algebra I- 12			x	x				
Geometry - 12						x		
Geometry - 13						x		
Geometry - 14						x	x	
Geometry - 15						x	x	
Geometry - 18						x		
Geometry - 19						x	x	
Geometry - 20						x	x	
Algebra II- 21			x	x				
Algebra II- 25			x					
Trigonometry - 1						x		
Trigonometry – 5						x		
Trigonometry – 12						x	x	
Trigonometry – 19						x		
Mathematical Analysis - 3			x					x
<b>Science Standards for Grade 7</b>								
Life Science:Structure and Function in Living Systems: 5g								x

## California Academic Content Standards Correlation Report for Math & Music Textbook

<b>Science Standards for Grade 8</b>								
Physical Science: Motion : 1c					x			x
<b>Science Standards for Grades 9-12</b>								
Physics: Waves : 4b								x
Physics: Waves : 4c			x					x
Physics: Waves : 4d								x
Physics: Waves : 4f			x					x
Earth Sciences : Investigation and Experimentation : 1a					x			
Earth Sciences : Investigation and Experimentation : 1d					x			