

GA Mathematics Quality Core Curriculum 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
M.7.1: All Strands						x					x	x
M.7.10: Algebra						x						
M.7.15: Computation & Estimation		x										
M.7.17: Geometry											x	
M.7.18: Geometry											x	
M.7.20: Geometry						x						
M.7.24: Geometry										x		
M.7.26: Measurement											x	
M.7.30: Number & Number Relationships						x						
M.7.33: Number Systems & Number Theory	x											
M.7.34: Number Systems & Number Theory	x											
M.7.43: Statistics		x	x		x							
Mathematics Standards for Grades 8												
M.8.1: All Strands						x					x	x
M.8.6: Algebra		x	x	x	x							
M.8.11: Algebra						x		x	x	x		
M.8.13: Algebra						x						
M.8.17: Algebra								x	x	x		x
M.8.18: Computation & Estimation		x										
M.8.23: Geometry											x	
M.8.24: Geometry						x					x	x
M.8.28: Geometry											x	
M.8.35: Number & Number Relationships						x						
M.8.38: Number Systems & Number Theory	x											
M.8.39: Number Systems & Number Theory	x											
M.8.40: Number Systems & Number Theory	x											
Mathematics Standards for Grades 9-12												
M.9-12.1: Advanced Algebra & Trigonometry	x	x	x	x		x	x	x	x	x		
M.9-12.2: Advanced Algebra & Trigonometry											x	

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	Primes	Abacus	Ancient Numbers	Duplation	Tallies	Ratios	How We Hear	Physics of Sound	Physics of Music	Areas	Angles & Triangles	Pythagorean Theorem
M.9-12.4: Advanced Algebra & Trigonometry								X	X			
M.9-12.18: Advanced Algebra & Trigonometry											X	
M.9-12.19: Advanced Algebra & Trigonometry											X	
M.9-12.20: Advanced Algebra & Trigonometry										X		
M.9-12.22: Advanced Algebra & Trigonometry						X					X	
M.9-12.46: Advanced Algebra & Trigonometry				X								
M.9-12.50: Advanced Algebra & Trigonometry		X	X		X		X					
M.9-12.1: Algebra I	X	X	X	X		X	X	X	X	X		
M.9-12.12: Algebra I	X											
M.9-12.25: Algebra I	X											
M.9-12.28: Algebra I						X						
M.9-12.32: Algebra I												X
M.9-12.33: Algebra II												X
M.9-12.47: Algebra II		X	X		X		X					
M.9-12.1: Analysis	X	X	X	X		X	X	X	X	X		
M.9-12.7: Applied Algebra								X	X	X		
M.9-12.9: Applied Algebra								X	X	X		
M.9-12.24: Applied Algebra	X											
M.9-12.28: Applied Algebra	X	X	X	X								
M.9-12.31: Applied Algebra	X	X	X	X								
M.9-12.1: Applied Geometry											X	X
M.9-12.2: Applied Geometry												X
M.9-12.3: Applied Geometry											X	X
M.9-12.4: Applied Geometry											X	
M.9-12.5: Applied Geometry											X	
M.9-12.8: Applied Geometry										X		
M.9-12.10: Applied Geometry											X	X
M.9-12.11: Applied Geometry											X	X
M.9-12.12: Applied Geometry						X					X	X
M.9-12.13: Applied Geometry						X					X	X
M.9-12.33: Applied Geometry											X	
M.9-12.39: Applied Geometry											X	
M.9-12.40: Applied Geometry												X
M.9-12.41: Applied Geometry						X					X	X
M.9-12.1: Applied Problem Solving	X	X	X	X		X	X	X	X	X		

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	Primes	Abacus	Ancient Numbers	Duplation	Tallies	Ratios	How We Hear	Physics of Sound	Physics of Music	Areas	Angles & Triangles	Pythagorean Theorem
M.9-12.15: Applied Problem Solving											X	
M.9-12.19: Applied Problem Solving										X		
M.9-12.22: Applied Problem Solving												X
M.9-12.23: Applied Problem Solving						X						
M.9-12.28: Applied Problem Solving		X	X		X							
M.9-12.1: Computer Mathematics	X	X	X	X		X	X	X	X	X	X	X
M.9-12.8: Computer Mathematics				X								
M.9-12.10: Computer Mathematics				X								X
M.9-12.22: Computer Mathematics	X											
M.9-12.48: Computer Mathematics		X	X									
M.9-12.64: Computer Mathematics		X										
M.9-12.3: Fundamentals of Algebra				X								X
M.9-12.5: Fundamentals of Algebra		X		X								
M.9-12.7: Fundamentals of Algebra				X								
M.9-12.12: Fundamentals of Algebra								X	X	X		
M.9-12.14: Fundamentals of Algebra		X	X		X							
M.9-12.22: Fundamentals of Algebra												X
M.9-12.1: Geometry or Informal Geometry	X	X	X			X	X	X	X	X	X	X
M.9-12.2: Geometry or Informal Geometry										X	X	X
M.9-12.8: Geometry or Informal Geometry											X	
M.9-12.13: Geometry or Informal Geometry											X	
M.9-12.16: Geometry or Informal Geometry												X
M.9-12.21: Geometry or Informal Geometry						X						X
M.9-12.23: Geometry or Informal Geometry												X
M.9-12.24: Geometry or Informal Geometry												X
M.9-12.25: Geometry or Informal Geometry											X	X
M.9-12.26: Geometry or Informal Geometry											X	
M.9-12.27: Geometry or Informal Geometry											X	
M.9-12.30: Geometry or Informal Geometry										X		
M.9-12.32: Geometry or Informal Geometry										X		
M.9-12.37: Geometry or Informal Geometry										X		

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	Primes	Abacus	Ancient Numbers	Duplation	Tallies	Ratios	How We Hear	Physics of Sound	Physics of Music	Areas	Angles & Triangles	Pythagorean Theorem
M.9-12.1: Mathematics I	X	X	X	X		X	X	X	X	X	X	X
M.9-12.20: Mathematics I						X						
M.9-12.21: Mathematics I						X						
M.9-12.23: Mathematics I										X		
M.9-12.24: Mathematics I						X					X	X
M.9-12.25: Mathematics I											X	
M.9-12.26: Mathematics I												X
M.9-12.30: Mathematics I								X	X	X		
M.9-12.34: Mathematics I										X		
M.9-12.3: Mathematics II						X	X					
M.9-12.6: Mathematics II						X	X					
M.9-12.17: Mathematics II											X	
M.9-12.19: Mathematics II										X		
M.9-12.22: Mathematics II												X
M.9-12.28: Mathematics II								X	X	X		
M.9-12.1: PreAlgebra						X					X	X
M.9-12.10: PreAlgebra											X	
M.9-12.11: PreAlgebra										X		
M.9-12.17: PreAlgebra								X	X	X		
M.9-12.20: PreAlgebra		X		X								
M.9-12.28: PreAlgebra											X	
M.9-12.36: PreAlgebra										X		
M.9-12.41: PreAlgebra						X						
M.9-12.42: PreAlgebra						X				X		
M.9-12.43: PreAlgebra										X		
M.9-12.45: PreAlgebra												X
M.9-12.46: PreAlgebra										X		
M.9-12.1: Senior Mathematics	X	X	X	X		X	X	X	X	X		
M.9-12.6: Senior Mathematics	X											
M.9-12.7: Senior Mathematics		X										
M.9-12.8: Senior Mathematics	X											
M.9-12.50: Senior Mathematics										X		
M.9-12.52: Senior Mathematics												X
M.9-12.53: Senior Mathematics											X	
M.9-12.55: Senior Mathematics						X						

GA Mathematics Quality Core Curriculum Correlation Report for Math & Music Textbook

	Chapter 1	Chapter 2	Chapter 3	Chapter 4	Chapter 5	Chapter 6	Chapter 7	Chapter 8
Mathematics Standards for Grade 7	Mathematics or Arithmetic	Early Number Systems	Operations of Arithmetic	Number Patterns	Introduction to Algebra	Exploring Trigonometry	Mathematical Reasoning	Science of Sound
M.7.1: All Strands						x	x	
M.7.5: Algebra					x			
M.7.11: Computation & Estimation					x			
M.7.13: Geometry					x			
M.7.15: Geometry		x						
M.7.24: Geometry			x					
M.7.25: Measurement			x			x		
M.7.26: Measurement						x		
M.7.28: Number & Number Relationships		x						
M.7.30: Number & Number Relationships			x					
M.7.32: Number Systems & Number Theory			x		x			
M.7.33: Number Systems & Number Theory				x				
M.7.34: Number Systems & Number Theory				x				
M.7.43: Statistics	x	x						
Mathematics Standards for Grades 8								
M.8.1: All Strands						x	x	
M.8.5: Algebra					x			
M.8.6: Algebra	x	x	x		x			
M.8.7: Algebra					x			
M.8.11: Algebra								x
M.8.16: Algebra					x			
M.8.17: Algebra			x				x	x
M.8.18: Computation & Estimation		x						
M.8.23: Geometry						x		
M.8.24: Geometry						x	x	
M.8.28: Geometry						x		
M.8.31: Number & Number Relationships		x						
M.8.35: Number & Number Relationships			x					
M.8.36: Number Systems & Number Theory			x		x			
M.8.37: Number Systems & Number Theory			x					
M.8.38: Number Systems & Number Theory				x				
M.8.39: Number Systems & Number Theory				x				
M.8.40: Number Systems & Number Theory				x				
Mathematics Standards for Grade 9-12								
M.9-12.1: Advanced Algebra & Trigonometry	x	x	x	x				x
M.9-12.2: Advanced Algebra & Trigonometry						x		
M.9-12.15: Advanced Algebra & Trigonometry						x		

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	Chapter 1 Mathematics or Arithmetic	Chapter 2 Early Number Systems	Chapter 3 Operations of Arithmetic	Chapter 4 Number Patterns	Chapter 5 Introduction to Algebra	Chapter 6 Exploring Trigonometry	Chapter 7 Mathematical Reasoning	Chapter 8 Science of Sound
M.9-12.22: Advanced Algebra & Trigonometry						x		
M.9-12.146: Advanced Algebra & Trigonometry			x					
M.9-12.50: Advanced Algebra & Trigonometry	x	x						x
M.9-12.1: Algebra I	x	x	x	x				x
M.9-12.4: Algebra I			x		x			
M.9-12.5: Algebra I					x			
M.9-12.6: Algebra I					x			
M.9-12.12: Algebra I				x				
M.9-12.25: Algebra I				x				
M.9-12.32: Algebra I							x	
M.9-12.1: Algebra II	x	x	x	x				x
M.9-12.14: Algebra II					x			
M.9-12.33: Algebra II							x	
M.9-12.47: Algebra II	x	x						x
M.9-12.1: Analysis	x	x	x	x				x
M.9-12.7: Applied Algebra								x
M.9-12.9: Applied Algebra			x					x
M.9-12.10: Applied Algebra					x			
M.9-12.24: Applied Algebra				x				
M.9-12.28: Applied Algebra	x	x	x	x	x			
M.9-12.29: Applied Algebra					x			
M.9-12.31: Applied Algebra	x	x	x	x				
M.9-12.1: Applied Geometry						x	x	
M.9-12.2: Applied Geometry							x	
M.9-12.3: Applied Geometry						x	x	
M.9-12.4: Applied Geometry						x		
M.9-12.9: Applied Geometry						x	x	
M.9-12.10: Applied Geometry						x	x	
M.9-12.11: Applied Geometry						x	x	
M.9-12.12: Applied Geometry						x	x	
M.9-12.13: Applied Geometry						x	x	
M.9-12.33: Applied Geometry						x		
M.9-12.37: Applied Geometry			x					
M.9-12.40: Applied Geometry						x	x	
M.9-12.1: Applied Problem Solving	x	x	x	x				x
M.9-12.19: Applied Problem Solving			x					
M.9-12.22: Applied Problem Solving							x	
M.9-12.28: Applied Problem Solving	x	x						
M.9-12.1: Computer Mathematics	x	x	x	x	x	x	x	x
M.9-12.8: Computer Mathematics			x					

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	Chapter 1 Mathematics or Arithmetic	Chapter 2 Early Number Systems	Chapter 3 Operations of Arithmetic	Chapter 4 Number Patterns	Chapter 5 Introduction to Algebra	Chapter 6 Exploring Trigonometry	Chapter 7 Mathematical Reasoning	Chapter 8 Science of Sound
M.9-12.10: Computer Mathematics			x				x	
M.9-12.48: Computer Mathematics		x						
M.9-12.64: Computer Mathematics		x						
M.9-12.68: Computer Mathematics			x		x			
M.9-12.5: Fundamentals of Algebra		x	x		x			
M.9-12.6: Fundamentals of Algebra					x			
M.9-12.8: Fundamentals of Algebra				x	x			
M.9-12.10: Fundamentals of Algebra					x			
M.9-12.12: Fundamentals of Algebra			x					x
M.9-12.14: Fundamentals of Algebra	x	x						
M.9-12.18: Fundamentals of Algebra					x			
M.9-12.22: Fundamentals of Algebra							x	
M.9-12.1: Geometry or Informal Geometry	x	x	x	x	x	x	x	x
M.9-12.2: Geometry or Informal Geometry					x	x	x	
M.9-12.4: Geometry or Informal Geometry			x					
M.9-12.12: Geometry or Informal Geometry							x	
M.9-12.13: Geometry or Informal Geometry						x		
M.9-12.15: Geometry or Informal Geometry						x		
M.9-12.20: Geometry or Informal Geometry						x		
M.9-12.21: Geometry or Informal Geometry						x	x	
M.9-12.24: Geometry or Informal Geometry							x	
M.9-12.25: Geometry or Informal Geometry						x	x	
M.9-12.26: Geometry or Informal Geometry						x		
M.9-12.30: Geometry or Informal Geometry			x					
M.9-12.1: Mathematics I	x	x	x	x	x	x	x	x
M.9-12.10: Mathematics I								x
M.9-12.26: Mathematics I							x	
M.9-12.30: Mathematics I			x					x
M.9-12.31: Mathematics I					x			
M.9-12.34: Mathematics I			x					
M.9-12.3: Mathematics II								x
M.9-12.6: Mathematics II								x
M.9-12.19: Mathematics II			x					
M.9-12.22: Mathematics II							x	
M.9-12.27: Mathematics II					x			
M.9-12.28: Mathematics II			x					
M.9-12.29: Mathematics II					x			
M.9-12.1: PreAlgebra						x	x	
M.9-12.11: PreAlgebra			x					
M.9-12.15: PreAlgebra					x			
M.9-12.17: PreAlgebra			x					x
M.9-12.20: PreAlgebra		x	x					

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	Chapter 1 Mathematics or Arithmetic	Chapter 2 Early Number Systems	Chapter 3 Operations of Arithmetic	Chapter 4 Number Patterns	Chapter 5 Introduction to Algebra	Chapter 6 Exploring Trigonometry	Chapter 7 Mathematical Reasoning	Chapter 8 Science of Sound
M.9-12.23: PreAlgebra			x		x			
M.9-12.28: PreAlgebra						x		
M.9-12.29: PreAlgebra					x			
M.9-12.34: PreAlgebra			x					
M.9-12.35: PreAlgebra			x		x			
M.9-12.38: PreAlgebra	x	x	x	x				
M.9-12.43: PreAlgebra			x					
M.9-12.45: PreAlgebra							x	
M.9-12.1: Senior Mathematics	x	x	x	x				x
M.9-12.3: Senior Mathematics			x					
M.9-12.4: Senior Mathematics			x		x			
M.9-12.6: Senior Mathematics				x				
M.9-12.7: Senior Mathematics		x						
M.9-12.8: Senior Mathematics			x	x				
M.9-12.33: Senior Mathematics					x			
M.9-12.38: Senior Mathematics					x			
M.9-12.48: Senior Mathematics					x			
M.9-12.50: Senior Mathematics			x					
M.9-12.52: Senior Mathematics							x	
M.9-12.53: Senior Mathematics						x		
M.9-12.54: Senior Mathematics						x		