

## TEKS Mathematics and Science Correlation Report for Math & Music Textbook

	Chapter 1	Chapter 2	Chapter 3	Chapter 4	Chapter 5	Chapter 6	Chapter 7	Chapter 8
	Mathematics or Arithmetic	Early Number Systems	Operations of Arithmetic	Number Patterns	Introduction to Algebra	Exploring Trigonometry	Mathematical Reasoning	Science of Sound
<b>Mathematics Standards for Grade 7</b>								
111.23. Knowledge and skills : 7.1a			x					
111.23. Knowledge and skills : 7.2a				x				
111.23. Knowledge and skills : 7.2c		x						
111.23. Knowledge and skills : 7.2d			x					
111.23. Knowledge and skills : 7.2f			x					
111.23. Knowledge and skills : 7.4					x			
111.23. Knowledge and skills : 7.5a					x			
111.23. Knowledge and skills : 7.5b					x			
111.23. Knowledge and skills : 7.6						x		
111.23. Knowledge and skills : 7.6a						x		
111.23. Knowledge and skills : 7.6b						x		
111.23. Knowledge and skills : 7.6d						x	x	
111.23. Knowledge and skills : 7.9			x					
111.23. Knowledge and skills : 7.13			x		x	x	x	
111.23. Knowledge and skills : 7.13a			x		x	x	x	
111.23. Knowledge and skills : 7.13b			x					
111.23. Knowledge and skills : 7.13c	x	x	x	x				x
111.23. Knowledge and skills : 7.13d						x		
111.23. Knowledge and skills : 7.14					x			
111.23. Knowledge and skills : 7.15			x			x	x	
111.23. Knowledge and skills : 7.15a			x					
<b>Science Standards for Grade 7</b>								
112.23. Science, Grade 7; b; 7.2b								x
112.23. Science, Grade 7; b; 7.2e								x
112.23. Science, Grade 7; b; 7.4b								x
<b>Mathematics Standards for Grade 8</b>								
111.24. Knowledge and skills : 8.1a			x					
111.24. Knowledge and skills : 8.2			x					
111.24. Knowledge and skills : 8.2a			x					
111.24. Knowledge and skills : 8.4					x			
111.24. Knowledge and skills : 8.5a					x			
111.24. Knowledge and skills : 8.7						x		
111.24. Knowledge and skills : 8.7c							x	
111.24. Knowledge and skills : 8.9							x	
111.24. Knowledge and skills : 8.9a						x	x	
111.24. Knowledge and skills : 8.9b						x	x	
111.24. Knowledge and skills : 8.14			x		x	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 8 (cont.)</b>	Mathematics or Arithmetic	Early Number Systems	Operations of Arithmetic	Number Patterns	Introduction to Algebra	Exploring Trigonometry	Mathematical Reasoning	Science of Sound
111.24. Knowledge and skills : 8.14a			x		x	x	x	
111.24. Knowledge and skills : 8.14b			x					
111.24. Knowledge and skills : 8.14d						x		
111.24. Knowledge and skills : 8.15					x			
111.24. Knowledge and skills : 8.16			x			x	x	
111.24. Knowledge and skills : 8.16a			x					
<b>Science Standards for Grades 8</b>								
112.24. Science, Grade 8; b; 8.2b								x
112.24. Science, Grade 8; b; 8.2e								x
112.24. Science, Grade 8; b; 8.7b								x
<b>Mathematics Standards for Grades 9-12</b>								
111.32. Algebra I; b; 1b					x			
111.32. Algebra I; b; 1c					x			
111.32. Algebra I; b; 1d					x			
111.32. Algebra I; b; 3	x	x	x		x			
111.32. Algebra I; b; 3a					x			
111.32. Algebra I; b; 3b			x	x				
111.32. Algebra I; b; 4					x			
111.32. Algebra I; b; 4a					x	x		
111.32. Algebra I; c; 1c					x			
111.33. Algebra II; b; 2a					x			
111.34. Geometry; b; 1a						x	x	
111.34. Geometry; b; 1b		x	x					
111.34. Geometry; b; 2					x	x	x	
111.34. Geometry; b; 4						x	x	
111.34. Geometry; c	x	x	x	x	x	x	x	
111.34. Geometry; c; 1					x	x	x	
111.34. Geometry; c; 3						x	x	
111.34. Geometry; e; 1c							x	
111.34. Geometry; f; 3						x	x	
111.36. Mathematical Models with Applications; c; 1	x	x	x	x				x
111.36. Mathematical Models with Applications; c; 1a					x			
111.36. Mathematical Models with Applications; c; 2	x	x	x	x	x	x	x	
111.36. Mathematical Models with Applications; c; 3b			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 9-12 (cont.)</b>	Mathematics or Arithmetic	Early Number Systems	Operations of Arithmetic	Number Patterns	Introduction to Algebra	Exploring Trigonometry	Mathematical Reasoning	Science of Sound
111.36. Mathematical Models with Applications; c; 9	x	x	x	x				
<b>Science Standards for Grades 9-10</b>								
112.42. Integrated Physics and Chemistry; c; 2b								x
112.42. Integrated Physics and Chemistry; c; 5			x					
112.42. Integrated Physics and Chemistry; c; 5a								x
112.42. Integrated Physics and Chemistry; c; 5b								x
112.42. Integrated Physics and Chemistry; c; 5d								x
<b>Science Standards for Grades 10-12</b>								
112.47. Physics; c; 8			x					
112.47. Physics; c; 8a			x					x
112.47. Physics; c; 8b								x

## TEKS Mathematics and Science 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
111.23. Knowledge and skills : 7.2a	x											
111.23. Knowledge and skills : 7.2c		x										
111.23. Knowledge and skills : 7.2d						x				x		
111.23. Knowledge and skills : 7.2f										x		
111.23. Knowledge and skills : 7.3						x						
111.23. Knowledge and skills : 7.6											x	
111.23. Knowledge and skills : 7.6a											x	
111.23. Knowledge and skills : 7.6b											x	
111.23. Knowledge and skills : 7.6d												x
111.23. Knowledge and skills : 7.9										x		
111.23. Knowledge and skills : 7.13								x	x	x	x	x
111.23. Knowledge and skills : 7.13a								x	x	x	x	x
111.23. Knowledge and skills : 7.13b										x		
111.23. Knowledge and skills : 7.13c	x	x	x	x			x					
111.23. Knowledge and skills : 7.13d						x					x	
111.23. Knowledge and skills : 7.14										x		
111.23. Knowledge and skills : 7.15				x		x					x	x
111.23. Knowledge and skills : 7.15a				x								
<b>Science Standards for Grade 7</b>												
112.23. Science, Grade 7; b; 7.2b							x					
112.23. Science, Grade 7; b; 7.2e							x					
112.23. Science, Grade 7; b; 7.4b								x	x			
<b>Mathematics Standards for Grade 8</b>												
111.24. Knowledge and skills : 8.2										x		
111.24. Knowledge and skills : 8.2a										x		
111.24. Knowledge and skills : 8.2d						x						
111.24. Knowledge and skills : 8.3						x						
111.24. Knowledge and skills : 8.3a						x						
111.24. Knowledge and skills : 8.3b						x				x		
111.24. Knowledge and skills : 8.6						x						
111.24. Knowledge and skills : 8.6a						x						
111.24. Knowledge and skills : 8.7											x	
111.24. Knowledge and skills : 8.7c												x
111.24. Knowledge and skills : 8.9												x
111.24. Knowledge and skills : 8.9a											x	x
111.24. Knowledge and skills : 8.9b						x						x

## TEKS Mathematics and Science Correlation Report for Math & Music Multimedia Lessons

Mathematics Standards for Grade 8 (cont.)	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
111.24. Knowledge and skills : 8.14								x	x	x	x	x
111.24. Knowledge and skills : 8.14a								x	x	x	x	x
111.24. Knowledge and skills : 8.14b										x		
111.24. Knowledge and skills : 8.14c	x	x	x	x			x					
111.24. Knowledge and skills : 8.14d						x					x	
111.24. Knowledge and skills : 8.15										x		
111.24. Knowledge and skills : 8.16				x		x					x	x
111.24. Knowledge and skills : 8.16a				x								
<b>Science Standards for Grades 8</b>												
112.24. Science, Grade 8; b; 8.2b							x					
112.24. Science, Grade 8; b; 8.2e							x					
112.24. Science, Grade 8; b; 8.7b							x	x	x			
<b>Mathematics Standards for Grades 9-12</b>												
111.32. Algebra I; b; 3		x	x	x	x							
111.32. Algebra I; b; 3b				x								
111.32. Algebra I; b; 4a											x	
111.32. Algebra I; d; 3								x	x		x	
111.34. Geometry; b; 1a												x
111.34. Geometry; b; 1b			x	x								
111.34. Geometry; b; 2						x				x	x	x
111.34. Geometry; b; 2b				x								
111.34. Geometry; b; 3d				x								
111.34. Geometry; b; 4						x					x	x
111.34. Geometry; c	x	x	x	x						x	x	x
111.34. Geometry; c; 1						x				x	x	x
111.34. Geometry; c; 3											x	x
111.34. Geometry; e; 1										x		
111.34. Geometry; e; 1a										x		
111.34. Geometry; e; 1c												x
111.34. Geometry; f												x
111.34. Geometry; f; 1												x
111.34. Geometry; f; 2						x						
111.34. Geometry; f; 3						x					x	x
111.35. Precalculus; c; 2c											x	
111.35. Precalculus; c; 3								x	x			
111.35. Precalculus; c; 3a								x	x			

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Mathematics Standards for Grades 9-12 (cont.)	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
111.35. Precalculus; c; 3d						x						
111.36. Mathematical Models with Applications; c; 1	x	x	x	x			x	x	x	x		
111.36. Mathematical Models with Applications; c; 1c										x		
111.36. Mathematical Models with Applications; c; 2	x	x	x	x						x	x	x
111.36. Mathematical Models with Applications; c; 2d								x	x			
111.36. Mathematical Models with Applications; c; 3b										x		
111.36. Mathematical Models with Applications; c; 8								x	x			
111.36. Mathematical Models with Applications; c; 8b						x		x	x		x	x
111.36. Mathematical Models with Applications; c; 9	x	x	x	x								
111.36. Mathematical Models with Applications; c; 9b								x	x			
<b>Science Standards for Grades 9-10</b>												
112.42. Integrated Physics and Chemistry; c; 2b							x					
112.42. Integrated Physics and Chemistry; c; 5								x				
112.42. Integrated Physics and Chemistry; c; 5a							x	x	x			
112.42. Integrated Physics and Chemistry; c; 5b									x			
112.42. Integrated Physics and Chemistry; c; 5d							x	x	x			
<b>Science Standards for Grades 10-12</b>												
112.47. Physics; c; 8								x				
112.47. Physics; c; 8a							x	x	x			
112.47. Physics; c; 8b							x	x	x			