

NC Mathematics & Science Standard Course of Study Correlation Report for Math & the Cosmos

Mathematics for Grade 7	Multimedia Lessons							Textbook				
	Graphs	Angles	Sci. Notation	Trigonometry	Motion	Constellation Planets & the Sun	Parallax Cepheid Variables	Observing the Sky	Mapping the Stars	Understanding the Motions of Stars and Planets	Investigating Deep Space	Connecting Astronomy, Mythology, and History
Number Sense, Numeration and Numerical Operations : Goal 1: 1.1			X									
Mathematics for Grade 8												
Number Sense, Numeration and Numerical Operations : Goal 1: 1.5			X									
Patterns, Relationships, and Functions : Goal 3: 3.3	X								X			
Mathematics for Grades 9-12												
Introductory Mathematics : Spatial Sense, Measurement, and Geometry : Goal: 1.5			X									
Introductory Mathematics : Spatial Sense, Measurement, and Geometry : Goal: 3.3	X								X			
Algebra I : Spatial Sense, Measurement, and Geometry : Goal: 2.2	X	X							X			
Geometry : Spatial Sense, Measurement, and Geometry : Goal: 2.2	X								X			
Geometry : Spatial Sense, Measurement, and Geometry : Goal: 2.15				X								
Technical Mathematics 1 : Spatial Sense, Measurement, and Geometry : Goal: 2.5					X							
Technical Mathematics 1 : Spatial Sense, Measurement, and Geometry : Goal: 2.8				X								
Technical Mathematics 2 : Spatial Sense, Measurement, and Geometry : Goal: 2.3	X								X			
Integrated Mathematics 1 : Spatial Sense, Measurement, and Geometry : Goal: 2.2	X								X			
Integrated Mathematics 2 : Spatial Sense, Measurement, and Geometry : Goal: 2.8				X								

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Science for Grades 8												
Science - 8th Grade : COMPETENCY GOAL 4: 4.01					X						X	
Science - 8th Grade : COMPETENCY GOAL 4: 4.06		X			X							
Science - 8th Grade : COMPETENCY GOAL 4: 4.07					X							
Science - 8th Grade : COMPETENCY GOAL 4: 4.08					X							
Science for Grades 9-12												
Earth/Environmental Science – Grades 9-12 : COMPETENCY GOAL 6: 6.01					X	X		X				
Earth/Environmental Science – Grades 9-12 : COMPETENCY GOAL 6: 6.03											X	
Earth/Environmental Science – Grades 9-12 : COMPETENCY GOAL 6: 6.07							X				X	
Physical Science – Grades 9-12 : COMPETENCY GOAL 1: 1.01					X							
Physical Science – Grades 9-12 : COMPETENCY GOAL 1: 1.02					X							
Physics – Grades 9-12 : COMPETENCY GOAL 1: 1.01					X					X		
Physics – Grades 9-12 : COMPETENCY GOAL 1: 1.03	X								X			
Physics – Grades 9-12 : COMPETENCY GOAL 2: 2.01					X							
Physics – Grades 9-12 : COMPETENCY GOAL 2: 2.02		X			X							
Physics – Grades 9-12 : COMPETENCY GOAL 2: 2.04					X							
Physics – Grades 9-12 : COMPETENCY GOAL 4: 4.01					X							
Physics – Grades 9-12 : COMPETENCY GOAL 4: 4.02					X							