

Standards Map



Advancing STEM
Discover the Innovator in You

		Grade 5				
		Curriculum Titles				
		5: Models of the Earth	5: A Light Snack	5: Chemistry in Kitchen	5: Among the Stars	
Standard Topics	Structure and Properties of Matter			1		
	Matter and Energy in Organisms and Ecosystems		1,2			
	Engineering Design			A		
	Earth's Systems	1,2,A				
	Space Systems: Stars and the Solar System				1,2,3	
Scientific & Engineering Practices	Analyzing and Interpreting Data				3	
	Asking Questions and Defining Problems	A				
	Developing and Using Models	1	2	1,A		
	Engaging in Argument from Evidence		1		1,2	
	Obtaining, Evaluating, and Communication Information	2,A				
	Planning and Carrying Out Investigations			1,A		
	Science Models, Laws, Mechanics, and Theories Explain Natural Phenomena		2			
	Using Mathematics and Computational Thinking	2				
Three Dimensional Teaching	Disciplinary Core Ideas	Chemical Reactions		1,A		
		Conservation of Energy and Energy Transfer				
		Cycles of Matter and Energy Transfer in Ecosystems		2		
		Defining and Delimiting an Engineering Problem	A			
		Earth and the Solar System				3
		Earth Materials and Systems	1			
		Energy in Chemical Processes and Everyday Life		2		
		Human Impacts of Earth Systems	2,A			
		Interdependent Relationships in Ecosystems		2		
		Organization for Matter and Energy Flow in Organisms		1,2		
		Structure and Properties of Matter			1,A	
		The Roles of Water in Earth's Surface Processes	2			
		The Universe and Its Stars				2
		Types of Interactions				1
Crosscutting Concepts	Cause and Effect			1,A	1	
	Energy and Matter		1,2			
	Influence on Engineering, Technology, and Science, on Society and the Natural World	A				
	Patterns				3	
	Scale, Proportion, and Quantity	2		1,A	2	
	Science Addresses Questions About the Natural and Material World	2,A				
	Science Knowledge Assumes an Order and Consistency in Natural Systems			1,A		
	Systems and System Models	1,2,A	2			

"#'s" indicate relevant unit strand; "A" indicates Assessment Strand.