

Module Links to Standards

LEGEND



Activities



Designs

AAAS		NSES		NCTM	
1. The Nature of Science		A. Science as Inquiry		Numbers & Operations	
A. The Scientific world view	4 1	1. Ability to do scientific inquiry	1 2 3 4 5 1	Compute Fluently and Estimate	5
B. Scientific inquiry	1 3 4 5 1	2. Understanding scientific inquiry	1 5 1	Algebra	
3. The Nature of Technology		B. Physical Science		Analyze Change in Various Contexts	5
A. Technology and science	2 3 4 5 1	1. Structure of atoms	3 4	Geometry	
B. Design and systems	2 3 4 5 1	2. Structure and properties of matter	1 2 3 4 5	Analyze characteristics and properties of two- and three-dimensional geometric shapes	3 4
C. Issues in technology	3 4 5 1	3. Chemical reactions	1 2 3 4 5	Use visualization, spatial reasoning, and geometric modeling	3
4. The Physical Setting		4. Motions and forces	1 3 4	Measurement	
D. Structure of matter	1 3 4 5	5. Conservation of energy	1	Apply appropriate techniques, tools, and formulas to determine measurements.	3 4
E. Energy transformations	1 4 5	C. Life Sciences			
G. Forces of nature	1 3 4 5	1. The cell	5		
5. The Living Environment		5. Matter, energy, and organization in living systems	5		
D. Interdependence of life	1	E. Science and Technology			
E. Flow of matter and energy	5	1. Ability of technological design	2 1		
8. The Designed World		2. Understanding science and technology	2 5 1		
B. Materials and manufacturing	2 3 4 5 1				
9. The Mathematical World					
B. Symbolic relationships	5				
C. Shapes	3 4				
11. Common Themes					
A. Systems	3 4 1				
C. Constancy and change	5				