

**NEW HAMPSHIRE  
STANDARDS**

Science as Inquiry	Science Technology and Society				Life Science				Earth/Space Science		Physical Science					Unifying Themes and Concepts			Math.	Geography		
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**Montshire  
School  
Programs**

1a. Understanding of scientific enterprise	2a. Use of measuring instruments	2b. Use of technology to observe nature	2c. Ability to communicate scientific information	2d. Understanding of how technology is used	3a. Recognize patterns and products of evolution	3b. How environmental factors affect living systems	3c. Transfer of matter and energy in ecosystems	3d. Fundamental structures and functions	4a. Understand earth's unique role in the universe	4c. Renewable and non-renewable resources	5b. Changes in Matter	5c. Relationships among types and forms of energy	5d. Understanding electrical and magnetic systems	5e. Effects of unbalanced forces on objects	5g. Heat as product of natural processes	6a. Recognize interrelationships within objects/systems	6b. Cause and effect	6c. Use of models in interpreting the natural world	4a. Geometry: Compare geometrical shapes	11. Physical and human geographical features	12. Connections between Earth's systems	14. Understanding landform patterns and water systems
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Animal Tracks and Signs	✓					✓										✓						
Aquatic Explorations	✓	✓	✓		✓	✓										✓	✓					✓
Balancing Act	✓			✓										✓		✓	✓					
Batteries, Motors & Bulbs	✓		✓	✓							✓	✓				✓		✓				
Blood and Guts	✓							✓								✓						
Discovering Density	✓			✓												✓	✓					
Engineering & Structures	✓		✓		✓								✓			✓	✓			✓	✓	✓
Forest Investigation	✓			✓		✓	✓									✓		✓				
Go Fly a Kite	✓			✓												✓						
Here Comes the Sun	✓			✓					✓					✓		✓					✓	
Hot Air Balloons	✓			✓							✓	✓		✓		✓	✓					
Mirrors & Reflection	✓			✓							✓		✓	✓								
Mixing Colors	✓																					
New England Wildlife	✓					✓	✓									✓						
Optical Illusions	✓			✓										✓			✓					
Outdoor Sleuths	✓			✓		✓	✓	✓													✓	
Parachutes	✓			✓										✓		✓	✓					
Recycling Naturally	✓				✓		✓	✓								✓	✓					
Reinventing the Wheel	✓			✓								✓		✓		✓	✓					
Salamanders and Frogs	✓					✓	✓									✓						
Snowshoe Exploration	✓					✓	✓									✓						
Spinning Things	✓			✓										✓		✓	✓					
StarLab	✓								✓							✓					✓	
Tracks of the Past	✓						✓									✓	✓					
Who Sank the Boat?	✓			✓										✓		✓	✓					
Wonders of Winter	✓					✓	✓									✓	✓					