

New York Learning Standards correlated to
 Reading Essentials in Science
 Perfection Learning Corporation

6th-8th Grades	Learning Standard	Earthquakes	Floods	Hurricanes	Tornadoes	Volcanoes	Erosion	Forecasting	Natural Disasters	Records and Oddities	Seasons and Patterns	Fossils	Geological Time	Rocks and Minerals	Sedimentary Rock	The Water Cycle
Physical Setting																
Standard 1.	The Earth and celestial phenomena can be described by principles of relative motion and perspective.										X					
Standard 2.	Many of the phenomena that we observe on Earth involve interactions among components of air, water, and land.	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Standard 3.	Matter is made up of particles whose properties determine the observable characteristics of matter and its reactivity.															
Standard 4.	Energy exists in many forms, and when these forms change energy is conserved.															
Standard 5.	Energy and matter interact through forces that result in changes in motion.															

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6th-8th Grades	Learning Standard	Deserts	Mountains	Oceans	Rivers	Tropical Rain Forests	Classifying Plants and Animals	Food Chains and Webs	How Plants Grow	Life Cycles of Plants and Animals	Under a Microscope: Small Life	The Circulatory System	The Digestive System	The Nervous System	The Respiratory System	The Skeletal and Muscular Systems
Physical Setting																
Standard 1.	The Earth and celestial phenomena can be described by principles of relative motion and perspective.															
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6th-8th Grades	Learning Standard	Adaptation and Survival	Cells	Genetics	Population and Ecosystems	Staying Alive	Electricity and Magnetism	Heat	Light	Motion	Sound	Acids and Bases	Atoms, Molecules and Compounds	Chemical Energy	Chemical Reaction	Mixtures and Solutions
Physical Setting																
	Standard 1. The Earth and celestial phenomena can be described by principles of relative motion and perspective.															
	Standard 2. Many of the phenomena that we observe on Earth involve interactions among components of air, water, and land.															
	Standard 3. Matter is made up of particles whose properties determine the observable characteristics of matter and its reactivity.											X	X	X	X	X
	Standard 4. Energy exists in many forms, and when these forms change energy is conserved.						X	X	X	X	X			X	X	
	Standard 5. Energy and matter interact through forces that result in changes in motion.						X			X						

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6th-8th Grades	Learning Standard	Alcohol, Tobacco and Drugs	Disease Prevention	Nutrition	Personal Hygiene	Physical Activity	Global Warming	Habitat Destruction	Energy Sources	Keeping Our Food and Water Safe	Waste and Consumption
Physical Setting											
	Standard 1. The Earth and celestial phenomena can be described by principles of relative motion and perspective.										
	Standard 2. Many of the phenomena that we observe on Earth involve interactions among components of air, water, and land.						X				
	Standard 3. Matter is made up of particles whose properties determine the observable characteristics of matter and its reactivity.										
	Standard 4. Energy exists in many forms, and when these forms change energy is conserved.								X		
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The Living Environment																	
	Standard 1. Living things are both similar to and different from each other and nonliving things.																
	Standard 2. Organisms inherit genetic information in a variety of ways that result in continuity of structure and function between parents and offspring.																
	Standard 3. Individual organisms and species change over time.											X	X				
	Standard 4. The continuity of life is sustained through reproduction and development.																
	Standard 5. Organisms maintain a dynamic equilibrium that sustains life.																
	Standard 6. Plants and animals depend on each other and their physical environment.																
	Standard 7. Human decisions and activities have had a profound impact on the physical and living environment.																X

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The Living Environment																
Standard 1.	Living things are both similar to and different from each other and nonliving things.								X	X	X	X	X	X	X	X
Standard 2.	Organisms inherit genetic information in a variety of ways that result in continuity of structure and function between parents and offspring.															
Standard 3.	Individual organisms and species change over time.															
Standard 4.	The continuity of life is sustained through reproduction and development.									X						
Standard 5.	Organisms maintain a dynamic equilibrium that sustains life.							X	X			X	X	X	X	X
Standard 6.	Plants and animals depend on each other and their physical environment.	X	X	X	X	X		X		X						
Standard 7.	Human decisions and activities have had a profound impact on the physical and living environment.	X	X	X	X	X	X	X	X	X	X					

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The Living Environment																
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Standard 2.	Organisms inherit genetic information in a variety of ways that result in continuity of structure and function between parents and offspring.			X												
Standard 3.	Individual organisms and species change over time.	X				X										
Standard 4.	The continuity of life is sustained through reproduction and development.		X	X												
Standard 5.	Organisms maintain a dynamic equilibrium that sustains life.		X	X												
Standard 6.	Plants and animals depend on each other and their physical environment.				X									X	X	
Standard 7.	Human decisions and activities have had a profound impact on the physical and living environment.				X											

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	Standard 7. Human decisions and activities have had a profound impact on the physical and living environment.						X	X	X	X	X