

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

3rd-5th Grades	Learning Standard	Air and Wind	Earth Movements	Soil Science	Water, Water, Everywhere	What's Up with the Weather?	The Earth	The Journey into Space	The Moon	The Solar System	The Sun	Floods	Earthquakes	Tornadoes	Hurricanes	Volcanoes
Physical Setting																
Standard 1.	The Earth and celestial phenomena can be described by principles of relative motion and perspective.					X	X		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
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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3rd-5th Grades	Learning Standard	Erosion	Forecasting	Natural Disasters	Records and Oddities	Seasons and Patterns	Fossils	Geological Time	Rocks and Minerals	Sedimentary Rock	The Water Cycle	Amphibians and Reptiles	Birds	Fish	Insects	Mammals
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						
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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3rd-5th Grades	Learning Standard	At Home in the Ocean	At Home in the Tropical Rainforest	A Home by the River	A Hot Desert Home	A Mountain Home	Bones	The Brain and Nerves	The Heart	Muscles	Skin	Deserts	Mountains	Oceans	Rivers	Tropical Rain Forests
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.															
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3rd-5th Grades	Learning Standard	Classifying Plants and Animals	Food Chains and Webs	How Plants Grow	Life Cycles of Plants and Anir	Under a Microscope: Small Li	The Circulatory System	The Digestive System	The Nervous System	The Respiratory System	The Skeletal and Muscular Systems	Adaptation and Survival	Cells	Genetics	Population and Ecosystems	Staying Alive
Physical Setting																
Standard 1.	The Earth and celestial phenomena can be described by principles of relative motion and perspective.															
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3rd-5th Grades	Learning Standard	Classifying/Grouping Material	Force and Motion	Gravity	Measuring Matter	States of Matter	Color and Light	Electrical Circuits	Hearing and Sound	Magnets	Simple Machines	Electricity and Magnetism	Heat	Light	Motion	Sound
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											
Standard 4.	Energy exists in many forms, and when these forms change energy is conserved.						X	X	X			X	X	X	X	X
Standard 5.	Energy and matter interact through forces that result in changes in motion.		X	X						X	X	X			X	

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3rd-5th Grades	Learning Standard	Acids and Bases	Atoms, Molecules and Compounds	Chemical Energy	Chemical Reactions	Mixtures and Solutions	Alcohol, Tobacco and Drugs	Disease Prevention	Nutrition	Personal Hygiene	Physical Activity	Consumption and Waste	Energy Sources	Global Warming	Habitat Destruction	Keeping Our Food and Water Safe
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			
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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.	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.															
Standard 5.	Organisms maintain a dynamic equilibrium that sustains life.															
Standard 6.	Plants and animals depend on each other and their physical environment.										X					
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
Standard 2.	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	X	X	X	X
Standard 4.	The continuity of life is sustained through reproduction and development.															
Standard 5.	Organisms maintain a dynamic equilibrium that sustains life.											X	X	X	X	X
Standard 6.	Plants and animals depend on each other and their physical environment.															
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Standard 3.	Individual organisms and species change over time.	X	X	X	X	X						X	X	X	X	X
Standard 4.	The continuity of life is sustained through reproduction and development.						X	X			X					
Standard 5.	Organisms maintain a dynamic equilibrium that sustains life.						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	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

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The Living Environment																
Standard 1.	Living things are both similar to and different from each other and nonliving things.				X											
Standard 2.	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								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	X	X	X	X	X				X
Standard 6.	Plants and animals depend on each other and their physical environment.		X												X	
Standard 7.	Human decisions and activities have had a profound impact on the physical and living environment.	x	x	x	x	x										

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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	X	X	X	X	X	X	X	X	X					

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Standard 5.	Organisms maintain a dynamic equilibrium that sustains life.						X	X	X	X	X					
Standard 6.	Plants and animals depend on each other and their physical environment.														X	
Standard 7.	Human decisions and activities have had a profound impact on the physical and living environment.														X	