

Texas Essential Knowledge and Skills
 correlated to Reading Essentials in Science
 Perfection Learning Corporation

Grade 4	TEKS	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	Earthquakes	Floods	Hurricanes	Tornadoes	Volcanoes
Scientific Processes																
	4.1 The student conducts field and laboratory investigations following home and school safety procedures and environmentally appropriate and ethical practices.	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	4.2 The student uses scientific inquiry methods during field and laboratory investigations.	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	4.3 The student uses critical thinking and scientific problem solving to make informed decisions.	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	4.4 The student knows how to use a variety of tools and methods to conduct science inquiry.										X					

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Grade 4	TEKS	The Circulatory System	The Digestive System	The Nervous System	The Respiratory System	The Skeletal and Muscular Systems	Adaptation and Survival	Cells	Genetics	Populations and Ecosystems	Staying Alive: regulation and Behavior	Classifying/Grouping Materials	Force and Motion	Gravity	Measuring Matter	States of Matter
Scientific Processes																
	4.1 The student conducts field and laboratory investigations following home and school safety procedures and environmentally appropriate and ethical practices.											X	X	X	X	X
	4.2 The student uses scientific inquiry methods during field and laboratory investigations.											X	X	X	X	X
	4.3 The student uses critical thinking and scientific problem solving to make informed decisions.											X	X	X	X	X
	4.4 The student knows how to use a variety of tools and methods to conduct science inquiry.														X	

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Science Concepts																
	4.5 The student knows that complex systems may not work if some parts are removed.			X	X					X	X					
	4.6 The student knows that change can create recognizable patterns.		X			X	X		X	X	X					
	4.7 The student knows that matter has physical properties.															
	4.8 The student knows that adaptations may increase the survival of members of a species.															
	4.9 The student knows that many likenesses between offspring and parents are inherited or learned.															
	4.10 The student knows that certain past events affect present and future events.		X									X	X			X
	4.11 The student knows that the natural world includes earth materials and objects in the sky.	X		X	X		X				X					

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Grade 4	TEKS	Erosion	Forecasting	Natural Disasters	Records and Oddities	Seasons and Patterns	Amphibians and Reptiles	Birds	Fish	Insects	Mammals	At Home in the Ocean	At Home in the Tropical Rainforest	A Home by the River	A Hot Desert Home	A Mountain Home
Science Concepts																
	4.5 The student knows that complex systems may not work if some parts are removed.											X	X	X	X	X
	4.6 The student knows that change can create recognizable patterns.		X			X							X		X	
	4.7 The student knows that matter has physical properties.															
	4.8 The student knows that adaptations may increase the survival of members of a species.						X	X	X	X	X	X	X	X	X	X
	4.9 The student knows that many likenesses between offspring and parents are inherited or learned.									X	X					
	4.10 The student knows that certain past events affect present and future events.	X	X			X										
	4.11 The student knows that the natural world includes earth materials and objects in the sky.												X		X	

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Grade 4	TEKS	Bones	The Brain and Nerves	The Heart	Muscles	Skin	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
Science Concepts																
4.5	The student knows that complex systems may not work if some parts are removed.						X	X	X	X	X		X			
4.6	The student knows that change can create recognizable patterns.															
4.7	The student knows that matter has physical properties.															
4.8	The student knows that adaptations may increase the survival of members of a species.						X	X	X	X	X	X	X	X	X	
4.9	The student knows that many likenesses between offspring and parents are inherited or learned.														X	
4.10	The student knows that certain past events affect present and future events.															
4.11	The student knows that the natural world includes earth materials and objects in the sky.						X	X	X	X	X					

