



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

Grade 5	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	Tornadoes	Hurricanes	Volcanoes
	Science Concepts															
	5.5 The student knows that a system is a collection of cycles, structures, and processes that interact.				X	X				X						
	5.6 The student knows that some change occurs in cycles.				X	X				X						
	5.7 The student knows that matter has physical properties.															
	5.8 The student knows that energy occurs in many forms.	X									X					
	5.9 The student knows that adaptations may increase the survival of members of a species.															
	5.10 The student knows that many likenesses between offspring and parents can be inherited or learned.															
	5.11 The student knows that certain past events affect present and future events.					X										
	5.12 The student knows that the natural world includes earth materials and objects in the sky.								X							



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Grade 5	TEKS	Seasons and Patterns	Erosion	Natural Disasters	Records and Oddities	Forecasting	Mysteries in Space: Cosmic Puzzles	Inside a Star	Lights in the Sky	Are We Alone? The Case for Extraterrestrial Life	Telescopes: Exploring the Beyond	Fossils	Geological Time	Rocks and Minerals	Sedimentary Rocks	The Water Cycle
Science Concepts																
5.5	The student knows that a system is a collection of cycles, structures, and processes that interact.	X												X	X	X
5.6	The student knows that some change occurs in cycles.	X												X	X	X
5.7	The student knows that matter has physical properties.															
5.8	The student knows that energy occurs in many forms.										X					
5.9	The student knows that adaptations may increase the survival of members of a species.															
5.10	The student knows that many likenesses between offspring and parents can be inherited or learned.															
5.11	The student knows that certain past events affect present and future events.		X									X	X		X	
5.12	The student knows that the natural world includes earth materials and objects in the sky.		X											X		





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Grade 5	TEKS	Deserts	Oceans	Tropical Rain Forests	Mountains	Rivers	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
Scientific Processes																
	5.1 The student conducts field and laboratory investigations following home and school safety procedures and environmentally appropriate and ethical practices.						X	X	X	X	X					
	5.2 The student uses scientific inquiry methods during field and laboratory investigations.						X	X	X	X	X					
	5.3 The student uses critical thinking and scientific problem solving to make informed decisions.						X	X	X	X	X					
	5.4 The student knows how to use a variety of tools and methods to conduct science inquiry.										X					





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Grade 5	TEKS	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	Color and Light	Electrical Circuits	Hearing and Sound	Magnets	Simple Machines
Scientific Processes																
	5.1 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
	5.2 The student uses scientific inquiry methods during field and laboratory investigations.						X	X	X	X	X	X	X	X	X	X
	5.3 The student uses critical thinking and scientific problem solving to make informed decisions.						X	X	X	X	X	X	X	X	X	X
	5.4 The student knows how to use a variety of tools and methods to conduct science inquiry.									X					X	

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Science Concepts																
5.5	The student knows that a system is a collection of cycles, structures, and processes that interact.				X								X			
5.6	The student knows that some change occurs in cycles.				X											
5.7	The student knows that matter has physical properties.						X			X	X		X	X	X	
5.8	The student knows that energy occurs in many forms.											X	X	X	X	
5.9	The student knows that adaptations may increase the survival of members of a species.	X			X	X										
5.10	The student knows that many likenesses between offspring and parents can be inherited or learned.			X												
5.11	The student knows that certain past events affect present and future events.															
5.12	The student knows that the natural world includes earth materials and objects in the sky.								X							



