

2022-2023 Dallas Arboretum	Texas Essential Knowledge and Skills				NGSS Crosscutting Concepts
	3	4	5	6	
<b>Children's Adventure Garden Learning Galleries</b>					
Earth Cycles: Dynamic Earth		4.2(C), 4.2(F), 4.7(A), 4.7(B)	5.2(D), 5.2(F), 5.2(G), 5.7(A), 5.7(B)	6.2(E), 6.3(B), 6.3(C), 6.10(B), 6.10(D)	Patterns; Cause and Effect; Scale, Proportion and Quantity; Systems and System Models; Stability and Change
Earth Cycles: Earth from Space	3.2(D), 3.2(F), 3.3(C), 3.4(A), 3.8(B), 3.8(D)	4.2(D), 4.2(F), 4.3(B), 4.7(B), 4.8(B), 4.8(C)	5.2(D), 5.2(F), 5.3(B), 5.8(A), 5.8(B), 5.8(C), 5.8(D)	6.2(E), 6.3(C), 6.3(D), 6.11(A), 6.11(B), 6.11(C)	Patterns, Cause and Effect, Scale, Proportion and Quantity, Systems and System Models, Stability and Change
Habitats: Tree Trek	3.2(F), 3.3(B), 3.4(A), 3.9(A), 3.9(B), 3.9(B), 3.9(C)	4.2(B), 4.2(C), 4.2(D), 4.2(F), 4.3(B), 4.4(A), 4.9(A), 4.9(B)	5.2(C), 5.2(D), 5.2(F), 5.2(G), 5.4(A), 5.9(A), 5.9(B), 5.9(C)	6.1(A), 6.2(C), 6.2(E), 6.3(B), 6.3(C), 6.4(A), 6.12(E), 6.12(F)	Patterns; Cause and Effect; Systems and System Models; Scale, Proportion and Quantity; Energy and Matter; Structure and Function; Stability and Change
Incredible Edible					Patterns; Cause and Effect; Scale, Proportion and Quantity; Systems and System Models; Energy and Matter; Stability and Change
Science	3.1(B), 3.9(B)	4.1(B), 4.9(A), 4.9(B)	5.1(B), 5.9(B)	6.1(B)	
Health	3.1(A), 3.1(C), 3.2(D)	4.1(A), 4.1(B), 4.1(F)	5.1(A), 5.1(B), 5.1(C)	6.1(A), 6.1(B)	
Kaleidoscope					Patterns; Scale, Proportion and Quantity; Systems and System Models; Structure and Function
Science	3.2(B), 3.2(D), 3.2(F), 3.3(B), 3.3(C), 3.4(A), 3.10(A)	4.2(B), 4.2(C), 4.2(D), 4.2(F), 4.3(B), 4.3(C), 4.4(A)	5.2(D), 5.2(F), 5.3(C), 5.10(A)	6.2(D), 6.2(E), 6.3(B), 6.3(D)	
Art	3.1(B)	4.1(B)	5.1(B)	6.1(B)	
Mathematics	3.1(A), 3.1(D), 3.1(E), 3.1(F), 3.1(G), 3.8(A)	4.1(A), 4.1(D), 4.1(E), 4.1(F), 4.1(G), 4.9(A)	5.1(A), 5.1(D), 5.1(E), 5.1(F), 5.1(G), 5.9(A)	6.1(A), 6.1(D), 6.1(E), 6.1(F), 6.1(G), 6.5(A), 6.12(A), 6.13(A)	
Living Cycles	3.2(B), 3.2(F), 3.9(A), 3.10(A), 3.10(B)	4.2(B), 4.2(F), 4.9(A), 4.10(A), 4.10(B)	5.2(C), 5.2(D), 5.2(F), 5.9(A), 5.10(A)		Patterns; Systems and System Models; Structure and Function; Stability and Change
Moody Oasis: Monarch Mania	3.2(C), 3.2(F), 3.4(A), 3.10(A), 3.10(B)	4.3(C), 4.4(A), 4.10(C)	5.2(D), 5.2(F), 5.3(A), 5.4(A), 5.9(A), 5.9(C), 5.10(A)	6.2(C), 6.2(E), 6.3(A), 6.3(B), 6.3(C), 6.4(A), 6.12(A), 6.12(C), 6.12(E)	Patterns; Systems and System Models; Structure and Function; Stability and Change
Moody Oasis: Path to Pollen	3.2(C), 3.2(F), 3.4(A), 3.10(A), 3.10(B)	4.3(C), 4.4(A), 4.10(C)	5.2(D), 5.2(F), 5.3(A), 5.4(A), 5.9(A), 5.9(C), 5.10(A)	6.2(C), 6.2(E), 6.3(A), 6.3(B), 6.3(C), 6.4(A), 6.12(A), 6.12(C), 6.12(E)	Patterns; Systems and System Models; Structure and Function; Stability and Change

OmniGlobe: Planetary Voyage	3.1(B), 3.2(D), 3.2(F), 3.3(A), 3.3(B), 3.3(C), 3.6(C), 3.8(B), 3.8(D)	4.1(B), 4.2(D), 4.2(F), 4.3(A), 4.3(C)	5.1(B), 5.2(D), 5.2(F), 5.3(A), 5.3(C), 5.8(B), 5.8(C), 5.8(D)	6.2(E), 6.3(A), 6.3(B), 6.3(C), 6.3(D), 6.11(A), 6.11(B), 6.11(C)	Patterns; Cause and Effect; Scale, Proportion and Quantity; Systems and System Models; Energy and Matter; Structure and Function
OmniGlobe: Powerful Oceans	3.1(B), 3.2(D), 3.3(A), 3.3(B), 3.3(C), 3.9(A), 3.9(B), 3.9(C)	4.1(B), 4.2(D), 4.2(F), 4.3(A), 4.3(B), 4.3(C), 4.7(C), 4.8(B)	5.1(B), 5.2(D), 5.2(F), 5.3(A), 5.3(C), 5.8(A), 5.8(B), 5.9(A), 5.9(C)	6.2(E), 6.3(A), 6.3(B), 6.3(C), 6.3(D), 6.9(A), 6.9(B)	Patterns; Cause and Effect; Scale, Proportion and Quantity; Systems and System Models; Energy and Matter; Stability and Change
Pure Energy		4.2(B), 4.2(D), 4.2(F), 4.4(A), 4.6(A), 4.6(C), 4.7(C)	5.2(C), 5.2(D), 5.2(F), 5.4(A), 5.6(A), 5.6(B),	6.2(C), 6.2(E), 6.4(A), 6.7(A), 6.8(A), 6.9(C)	Patterns; Cause and Effect; Systems and System Models; Stability and Change
Texas Native Wetlands	3.1(A), 3.1(B), 3.2(A), 3.2(B), 3.2(D), 3.2(E), 3.2(F), 3.3(C), 3.4(A), 3.9(A), 3.10(A), 3.10(B)	4.1(A), 4.2(B), 4.2(D), 4.2(E), 4.2(F), 4.3(C), 4.4(A), 4.9(A), 4.10(B)	5.1(A), 5.1(B), 5.2(C), 5.2(D), 5.2(F), 5.3(C), 5.4(A), 5.9(A), 5.9(C), 5.10(A)	6.1(A), 6.1(B), 6.2(C), 6.2(E), 6.3(D), 6.4(A), 6.12(E)	Patterns; Cause and Effect; Systems and System Models; Stability and Change; Scale, Proportion and Quantity; Energy and Matter
<b>Main Garden</b>					
Nature's Works of Art (Art TEKS only)	3.1(B), 3.3(C)	4.1(B), 4.3(C)	5.1(B), 5.3(C)		Patterns; Scale, Proportion and Quantity; Structure and Function
Our Place at Your Pace	3.2(A), 3.2(C), 3.2(D), 3.3(C), 3.4(A), 3.9(A), 3.9(B), 3.9(C), 3.10(A), 3.10(B)	4.2(C), 4.2(D), 4.3(C), 4.4(A), 4.9(A), 4.9(B), 4.10(A), 4.10(B)	5.2(C), 5.2(D), 5.4(A), 5.9(A), 5.9(B), 5.10(A), 5.10(B)	6.2(C), 6.2(D), 6.2(E), 6.4(A), 6.12(E)	Patterns; Cause and Effect; Structure and Function
<b>Classroom Labs/ Garden on the Go</b>					
Disappearing Act	3.1(A), 3.2(B), 3.2(C), 3.2(D), 3.2(E), 3.2(F), 3.3(B), 3.3(C), 3.4(A), 3.9(A), 3.9(B)	4.1(A), 4.2(B), 4.2(C), 4.2(D), 4.2(E), 4.2(F), 4.3(B), 4.3(C), 4.4(A), 4.9(B), 4.10(A)	5.1(A), 5.2(C), 5.2(D), 5.2(E), 5.2(F), 5.2(G), 5.3(B), 5.3(C), 5.4(A), 5.9(A), 5.9(B), 5.9(C)	6.1(A), 6.2(C), 6.2(D), 6.2(E), 6.3(B), 6.3(C), 6.12(E), 6.12(F)	Scale, Proportion, & Quantity; Cause & Effect; Systems & System Models; Stability & Change
Garden Design Challenge		4.1(B), 4.2(C), 4.2(D), 4.2(F), 4.3(A), 4.3(C), 4.4(A), 4.10(A), 4.10(B)	5.2(C), 5.2(D), 5.2(F), 5.2(G), 5.3(A), 5.3(C), 5.4(A), 5.10(A), 5.10(B)	6.2(C), 6.3(B), 6.3(C), 6.4(A), 6.12(D), 6.12(F)	Patterns; Cause and Effect; Scale, Proportion and Quantity; Systems and System Models; Stability and Change
It's a Bug's Life	3.1(A), 3.1(B), 3.2(B), 3.2(D), 3.2(E), 3.2(F), 3.3(C), 3.4(A), 3.10(A), 3.10(B)	4.1(A), 4.2(B), 4.2(D), 4.2(E), 4.2(F), 4.3(A), 4.3(C), 4.4(A), 4.10(A), 4.10(C)	5.1(A), 5.1(B), 5.2(C), 5.2(D), 5.2(E), 5.2(F), 5.3(C), 5.4(A), 5.10(A)		Patterns; Structure & Function

Restless Earth	3.1(A), 3.2(B), 3.2(D), 3.2(F), 3.3(A), 3.4(A), 3.7(A)	4.1(A), 4.2(B), 4.2(D), 4.3(A), 4.3(B), 4.4(A), 4.7(B)	5.1(A), 5.2(C), 5.2(D), 5.3(A), 5.3(B), 5.4(A), 5.7(B)		Cause & Effect; Scale, Proportion, & Quantity; Stability & Change
Diving into Physical Properties	3.2(B), 3.2(D), 3.2(F), 3.4(A), 3.5(A)				Patterns; Structure and Function
Energy in the Garden	3.1(A), 3.2(B), 3.2(D) 3.4(A) 3.6(A)				Patterns; Energy and Matter; Structure and Function
Rapid Changes	3.1(A), 3.2(B), 3.2(D), 3.2(F), 3.3(A), 3.3(B), 3.4(A), 3.7(B)				Patterns; Cause and Effect; Scale; Proportion; Quantity
Models: Sun, Earth & Moon	3.2(F), 3.3(A), 3.3(B), 3.4(A), 3.8(C)				Patterns; Cause and Effect; Scale; Proportion; Quantity
A Tour of Texas: Exploring Environments Across our State	3.2(D), 3.2(F), 3.4, 3.9(A)				Patterns, Structure and function
Life Cycles	3.1(A), 3.2(F), 3.10(B)				Patterns
Matter Over Time		4.1(B), 4.2(B), 4.2(D), 4.2(F), 4.3(B), 4.4(A), 4.5(A)			Patterns; Cause and effect; Energy and Matter; Stability and Change
Pickle Powered		4.1(A), 4.2(B), 4.2(F), 4.6(A), 4.6(C)			Patterns; Cause and effect; Energy and Matter; Stability and Change
Stories from the Soil		4.1(A), 4.2(B), 4.2(F), 4.4, 4.7(A)			Patterns
Earth's Water Cycle		4.1(A), 4.2(B), 4.2(D), 4.3(B), 4.8(B)			Cause and Effect, Systems and System Models
Ecosystems in Action		4.2(B), 4.2(D), 4.2(F), 4.3(B), 4.9(B)			Patterns; Cause and effect; Systems and Systems Models; Energy and Matter; Stability and Change
All About Ants! Traits and Behaviors		4.2(B), 4.2(D), 4.2(F), 4.3(B), 4.10(B)			Patterns; Cause & Effect
Sorting Out Mixtures			5.2(D), 5.4, 5.5(B), 5.7(B)		Patterns
Garden Art			5.2(D), 5.4, 5.6(C)		Patterns, Cause and Effect, Structure and function
Landform Formation			5.1(A), 5.1(B), 5.2(C), 5.2(D), 5.3(C), 5.2(F), 5.7(B)		Patterns; Cause and Effect; Scale, Proportion and Quantity; Systems and System Models

Exploring Day and Night			5.2(D), 5.3(A), 5.3(B), 5.8(C)		Patterns; Cause and Effect; Scale, Proportion and Quantity; Systems and System Models
Eco Flow			5.1(A), 5.2(C), 5.2(G), 5.9(A)		Systems and system models
Amazing Adaptations: Plants			5.1(A), 5.2(G), 5.4(A), 5.10(A)		Structure & Function

2022-2023 Dallas Arboretum	Texas Essential Knowledge and Skills			NGSS Crosscutting Concepts
	K	1	2	
<b>Children's Adventure Garden Learning Galleries</b>				
Little Sprouts: Squirrel Adventure	K.2(A), K.8(B), K.9(B), K.10(D)	1.2(A), 1.10(C), 1.10(D)		Patterns; Cause and Effect; Systems and System Models; Structure and Function; Stability and Change
Little Sprouts: Butterfly Adventure	K.2(A), K.8(B), K.9(B)	1.2(A), 1.8(C), 1.9(B)		Patterns; Systems and System Models; Structure and Function; Stability and Change
<b>Main Garden Seasonal Programs</b>				
Pumpkin Circle	K.1(A), K.2(C), K.2(E), K.3(B), K.4(A), K.4(B), K.9(A), K.9(B), K.10(B), K.10(D)	1.1(A), 1.2(C), 1.2(E), 1.3(B), 1.4(A), 1.9(A), 1.10(B)	2.1(A), 2.2(C), 2.2(E), 2.3(B), 2.4(A), 2.9(A), 2.10(B)	Patterns; Cause & Effect; Structure & Function
Christmas Village Tour	K.8(C),	1.8(B), 1.8(C)	2.8(B)	Patterns, Cause and Effect, Systems and System Models,
*Social Studies TEKS	Social Studies K.5(B), K.11(A), K.12(B)	Social Studies 1.1(B), 1.6(C), 1.15(A)	Social Studies 2.1(B), 2.16(A), 2.16(B)	
Seedsational	K.1(A), K.2(C), K.2(E), K.3(B), K.4(A), K.4(B), K.9(A), K.9(B), K.10(B), K.10(D)	1.1(A), 1.2(C), 1.2(E), 1.3(B), 1.4(A), 1.9(A), 1.10(B)	2.1(A), 2.2(C), 2.2(E), 2.3(B), 2.4(A), 2.9(A), 2.10(B)	Patterns; Cause & Effect; Structure & Function



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