

Next Generation Science Standards - Performance Expectations

Exhibits	K	1	2	3	4	5	Middle School (6-8)
Dinosaur Mysteries	K-LS1-1	1-LS1-1,2	2-ESS1-1 2-ESS2-2	3-LS4-1,3,4	4-LS1-1 4-ESS1-1		MS-LS2-4 MS-LS4-1,2 MS-ESS1-4 MS-ESS2-2,3
Exploring Math in Nature	Crosscutting Concepts: Patterns; Cause and Effect; Systems and System Models	Crosscutting Concepts: Patterns; Structure and Function	Crosscutting Concepts: Patterns; Cause and Effect; Structure and Function	Crosscutting Concepts: Patterns; Systems and System Models	Crosscutting Concepts: Patterns; Systems and System Models	Crosscutting Concepts: Patterns; Systems and System Models; Scale, Proportion and Quantity	Crosscutting Concepts: Patterns; Systems and System Models; Structure and Function; Cause and Effect; Stability and Change
Follow the Blue Crab		1-LS1-1,2 1-LS3-1	2-LS4-1	3-LS4-1,3,4	4-LS1-1		MS-LS2-1 MS-LS4-1
Life Beyond Earth	K-ESS3-1	1-PS4-4	2-LS4-1	3-LS4-4			MS-ESS1-2
Newton's Alley	K-PS2-1,2	1-PS4-1,3	2-PS1-4	3-PS2-1,2,3,4	4-PS3-1,2,3 4-PS4-1	5-PS1-1	MS-PS1-4 MS-PS2-1,3 MS-PS3-1,2,5 MS-PS4-1,2
Power Up - It's Electrifying!	K-2-ETS1-1,2	K-2-ETS1-1,2	K-2-ETS1-1,2	3-5-ETS1-1,3	3-5-ETS1-1,3	3-5-ETS1-1,3	MS-PS2-5 MS-ESS3-3,4 MS-ETS1-1,4
Science Aglow		1-PS4-2,3,4			4-PS3-2,3 4-PS4-1,3 4-LS1-2		MS-PS4-1,2,3
Science & Main	K-PS2-1 K-2-ETS1-1,2,3	1-PS4-1 K-2-ETS1-1,2,3	K-2-ETS1-1,2,3	3-PS2-1,2 3-5-ETS1-1,2,3	4-PS3-2,3 4-PS4-1 3-5-ETS1-1,2,3	3-5-ETS1-1,2,3	MS-PS2-1 MS-PS3-1,2,5 MS-PS4-1
Science on a Sphere	K-PS3-1,2 K-ESS2-1 K-ESS3-2,3		2-ESS2-1,3	3-ESS2-1,2 3-ESS3-1	4-ESS2-1,2 4-ESS3-2	5-ESS1-2 5-ESS2-1,2 5-ESS3-1	MS-ESS2-2,4,5,6 MS-ESS3-1,5
SciLab						5-PS1-4	MS-PS1-1,2,3,5 MS-LS1-2
SpaceLink	K-ESS32		2-ESS2-1	3-ESS3-1	4-ESS3-2	5-PS2-1	
The Kids Room	K-PS2-1,2 K-LS1-1 K-ESS2-2 K-ESS3-1 K-2-ETS1-1,2,3	1-PS4-1 1-LS1-1 K-2-ETS1-1,2,3	2-PS1-3 K-2-ETS1-1,2,3,	3-PS2-1,2,3,4 3-5-ETS1-2,3			
The Shed			K-2-ETS1-1,2,3	3-5-ETS1-2,3	3-5-ETS1-2,3	3-5-ETS1-2,3	MS-ETS1-1,2,3,4
You - The Inside Story	K-LS1-1	1-PS4-2 1-LS1-1 1-LS3-1		3-LS3-1	4-PS4-2 4-LS1-1, 2	5-LS1.C*secondary	MS-LS1-1, 3, 8 MS-LS3-2

Enrichment Experiences	K	1	2	3	4	5	Middle School (6-8)
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Circuit Solutions					4-PS3-2,3,4 4-ESS3-1		
DNA Discovery							MS-LS1-1,2 MS-LS3-1,2
Engineering By Design				3-5-ETS1-1,2,3	3-5-ETS1-1,2,3	3-5-ETS1-1,2,3	MS-ETS1-1,3,4
Radical Reactions			2-PS1-1,2,4				
Sensory Mystery		1-PS4-1, 2					
Soap Bubble Math			K-2-ETS1-1,2 also MDCCRS Math 2.NBT.A; 2.NBT.B; 2.MD.D	3-5-ETS1-1,2 also MDCCRS Math 3.NBT.A			
Stats Lab							MDCCRS Math 6.SP.A.1-3 6.SP.B.5 7.SP.C.5-7
Sudsy Science	K-2-ETS1-1	K-2-ETS1-1					
What is That?					3-5-ETS1-1, 2, 3	3-5-ETS1-1, 2, 3	MS-ETS1-1, 2, 3, 4
Wind and Waves				3-5-ETS-1,2,3	4-PS3-2,3 4-ESS3-1 3-5-ETS1-1,2,3	3-5-ETS1-1,2,3	MS-PS3-2,5 MS-ETS1-1, 2
Ziplock Chemistry						5-PS1-1,4	MS-PS1-3, 4

Davis Planetarium	K	1	2	3	4	5	Middle School (6-8)
Beyond Your Backyard Sky							MS-ESS1-1,2,3
Black Holes: Journey into the Unknown							MS-PS2-3,4,5 MS-PS4-2
Cosmic Colors					4-PS3-2,3 4-PS4-1,2 4-LS1-2		MS-PS4-1,2,3
Exploring Planets					4-PS4-1,3	5-ESS1-1,2	
One World One Sky: Big Bird's Adventure	K-PS3-1,2	1-ESS1-1					
Seasons in the Sky						5-ESS1-1,2	MS-ESS1-1,2,3 MS-PS4-2
Shapes in the Sky		1-ESS1-1,2					
Solar Superstorms							MS-ESS1-1 MS-PS2-3,5
Solar System Odyssey				3-LS4-4			MS-ESS1-2,3
The Sky Tonight					4-PS4-2	5-ESS1-2	
Meet the Solar System		1-ESS1-1	2-ESS2-2				
Stories in the Stars						5-ESS1-2	

IMAX	K	1	2	3	4	5	Middle School (6-8)
A Beautiful Planet				3-LS4-4	4-ESS3-1 4-ESS2-1,2	5-ESS3-1	MS-ESS1-2 MS-ESS3-1, 5
Backyard Wilderness		1-LS1-1,2 1-LS3-1	2-LS2-1 2-LS4-1 2-ESS2-1,3	3-LS2-1 3-LS4-3,4	4-LS1-1,2 4-ESS2-1	5-PS3-1 5-LS2-1 5-ESS3-1	MS-LS2-1,4 MS-ESS3-3,4
Beavers	K-LS1-1 K-ESS2-1		2-LS41		4-ESS2-1		MS-LS2-4
Dream Big: Engineering Our World				3-ESS3-1 3-5-ETS1-1,2,3	4-ESS3-2 3-5-ETS1-1,2,3	3-5-ETS1-1,2,3	MS-ETS1-1,2,3,4
Expedition Chesapeake				3-LS2.C*secondary 3-LS4-4	4-ESS2-1	5-LS2-1 5-ESS3-1	MS-LS2-1,3,4,5 LS4.D*secondary MS-ESS3-3
Extreme Weather				3-LS4-4 3-ESS2-1,2 3-ESS3-1	4-ESS3-2	5-ESS2-1	MS-ESS2-1,4,5,6
Flight of the Butterflies			2-LS2-2 2-LS4-1	3-LS1-1 3-LS2-1 3-LS4-3,4 3-ESS2-1,2	4-ESS2-1	5-PS3-1 5-LS2-1 5-ESS3-1	MS-LS2-1,3,5 MS-LS3-2 MS-LS4-6 MS-ESS3-1,3,4,5
Sea Lions: Life by a Whisker		1-LS1-1, 2 1-LS3-1	2-LS4-1	3-LS2-1 3-LS4-4	4-LS1-1,2	5-ESS3-1	MS-LS2-1,2,4 MS-ESS3-3