

# NEXT GENERATION SCIENCE STANDARDS

Programs	Grade	Earth Sciences			Physical Sciences				Life Sciences				Engineering
		ESS1	ESS2	ESS3	PS1	PS2	PS3	PS4	LS1	LS2	LS3	LS4	ETS1
<b>S.T.E.A.M. Demonstrations</b>													
Animal Adaptations & Habitats	K-8								X			X	
Electricity	K-8				X								
Liquid Nitrogen	K-8				X								
Sound	K-8							X					
Combustion	K-8				X								
Light	K-8							X					
Physics	K-8					X	X						
Flight	K-8				X	X							X
All About Animals	K-8								X			X	
Fire and Ice	K-8				X								
<b>Live Animals</b>													
Animal Adaptations & Habitats	K-8								X			X	
Animal Lifecycles	K-8								X			X	
Earth's Biomes	K-8								X			X	

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<b>Live Animals</b>													
Connecticut Wildlife	K-8								X			X	
Amazing Amphibians	K-8								X			X	
Cold-Blooded Creatures	K-8								X			X	
Endangered Species	K-8								X			X	
Food Webs	K-8							X	X			X	
<b>Hands-On</b>													
Weather Wonders	K-1		X									X	
Budding Botanists	K-2									X			
Sound On!	K-5							X					
Soils and Erosion	2-4		X										
Crime Lab	3-8												X
Inventing	1-8							X					X
Water Cycle	K-8		X	X									
Environmental Impact	K-8			X									

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<b>Hands-On</b>														
Polymer Power	K-8				X									
Paleontology	4-8	X											X	
Landforms & Mapping	K-5		X											
Building Better Bridges	2-8					X								X
Rock On!	3-5	X	X											
Chem Tech	4-8				X									
Animal Sense Lab	3-8								X					
Electricity & Magnetism	4-8				X									
LEGO Vehicle Challenge	K-8													X
Animal Weights	K-8								X					
You Can Build It!	K-8													X
Robotics 101	K-8													X
Lunar Landers	K-8													X
Under Pressure	3-8				X									
Ready for Takeoff!	K-8					X	X							X