



Hands-On Standards® STEM in Action™ Supplements for Core Basal Science Programs

Grades K–2					
STEM in Action Module Title	Pearson Interactive Science 2016	HMH ScienceFusion 2012	Delta Education FOSS Next Generation	National Geographic Learning Exploring Science 2015	Accelerate Learning STEMScopes NGSS
Sunny Sandbox Exploration	K-Ch. 3 Earth & Sky; TE PEA 109d*	K-Unit 5: Day & Night; Unit 8: Matter	K-Materials & Motion Module	K-Earth: Sun Warms the Earth p. 4–5, 8–9*	K-Pushes and Pulls*
Sidewalk Safety Exploration	K-Ch. 1 Motion; TE PEA 33b	K-Unit 10: Motion	K-Materials & Motion Module	K-Physical: Pushes and Pulls p. 4–29	K-Speed and Directions; Pushes and Pulls
Little Footprint Exploration	K-Ch. 3 Earth & Sky; TE PEA 109e*	K-Unit 6: Earth’s Resources	K-Trees & Weather Module*	K-Earth: Weather p. 26–27*	K-Reducing Human Impact
Wild Feet Exploration	1-Ch. 2 Plants & Animals; TE PEA 99a*	1-Unit 3: Animals; Unit 4: Plants	1-Plants & Animals Module*	1-Life: Plants and Animals p. 42–47; 64–77; 80–85*	1-Animal Survival; Plant Survival
Sound Bite Exploration	1-Ch. 1 Energy; TE PEA 43c	1-Unit 10: Force & Energy*	1-Sound & Light Module	1-Physical: People Communication p. 32–37*	1-Communications
Shadow Box Theater Exploration	1-Ch. 1 Energy; TE PEA 43c	1-Unit 9: All About Matter; Unit 10: Force & Energy	1-Sound & Light Module	1-Physical: Light p. 22–31b*	1-Behavior and Light*
Muddy Mats Exploration	2-Ch. 1 Matter; TE PEA 61b	2-Unit 9: Change in Matter	2-Solids & Liquids Module	2-Physical: Properties of Matter p. 22–23, 26–29*	2-Properties of Materials
Shrinking Shore Exploration	2-Ch. 3 Earth’s Materials; TE PEA 159c	2-Unit 6: Earth & Its Resources	2-Pebbles, Sand, and Silt Module	2-Earth: Wind and Water p. 80–99	2-Effects of Wind and Water
Seed Rescue Exploration	2-Ch. 2 Plants & Animals; TE PEA 117b*	2-Unit 3: All About Animals; Unit 4: All About Plants*	2-Insects and Plants Module	2-Life: Animals p. 50–61*	2-Animal and Plant Dependence*

Grades 3–5

STEM in Action Module Title	Pearson Interactive Science 2016	HMH ScienceFusion 2012	Delta Education FOSS Next Generation	National Geographic Learning Exploring Science 2015	Accelerate Learning STEMScopes NGSS
Farmer Grady’s Challenge	3-Ch. 6 Weather Patterns; TE PEA 289c	Unit 7: Water & Weather	3-Water and Climate Module	3-Earth: Weather Hazards p. 136–145	3-Processes and Impacts of Natural Hazards
Squeaky Clean Magnets Challenge	3-Ch. 1 Force & Motion; TE PEA 99d	Unit 9: Matter*	3-Motion and Matter Module	3-Physical: Magnets & Electric Forces p. 20–33	3-Electricity and Magnets
Wildlife Corridors Challenge	3-Ch. 3 Plants; Ch. 5 Ecosystems; TE PEA 245h	Unit 3: Plants & Animals; Unit 4: Ecosystems & Interactions	3-Structures of Life Module*	3-Life: Interdependent Relationships in Ecosystems p. 38–55*	3-Environmental Changes and Effects*
Solar House Design Challenge	4-Ch. 1 Energy & Heat; Ch. 3 Electricity; Ch. 4 Plants & Animals; TE PEA 111d	Unit 9: Energy; Unit 10: Electricity	4-Energy Module	4-Physical: Energy p. 32–49	4-Energy and Electric Currents
Earthquake Technologies Challenge	4-Ch. 6 Earth’s Resources; TE PEA 295c*	Unit 6: Earth & Space*	4-Soils, Rocks, and Landforms Module*	4-Earth: Earthquakes p. 132–136; 140–142	4-Natural Processes
Digital Relay Challenge	4-Ch. 1 Energy & Heat; TE PEA 111f	Unit 9: Energy*	4-Energy Module	4-Physical: Information Technology p. 60–67*	4-Information Technologies
The Great Toy Design Challenge	5-Ch. 1 Properties of Matter; TE PEA 99c	Unit 13: Matter	5-Mixtures and Solutions Module*	5-Physical: Properties of Matter p. 12–27	5-Properties of Matter
Food Deserts Challenge	5-Ch. 3 Growth & Survival; Ch. 4 Ecosystems; TE PEA 195b*	Unit 4: Living Things Grow & Reproduce; Unit 5 Ecosystems*	5-Living Systems Module*	5-Life: Materials for Plant Growth p. 54–63	5-Plant Structures
Rainwater Runoff Design Challenge	5-Ch. 4 Ecosystems; TE PEA 195d	Unit 5: Ecosystems; Unit 7: Earth’s Resources	5-Earth and Sun Module	5-Earth: Earth’s Resources and Human Impact p. 128–153*	5-Human Footprint; Reducing Human Footprint*

* STEM in Action is a strong enhancement for these units