



Middle School Next Generation Science Standards (NGSS)



Build Essential Student Skills on Core NGSS Concepts!

Each **NewPath NGSS Skill Builder Kit** provides a complete set of resources designed to support teacher instruction and student mastery of a key, standards-based Science topic. Used in combination or individually, the resources provide detailed instruction of each concept through a blend of technology-based instruction combined with hands-on review and reinforcement. Students will master disciplinary core ideas, scientific and engineering practices as well as cross-cutting concepts. In the process, they'll apply problem-solving skills, master science concepts and prepare for assessment.

Each Skill Builder Kit includes the following components for EACH of the topics covered -

NGSS SKILL BUILDER KITS		
INSTRUCTIONAL COMPONENT	FEATURES	APPLICATION
Student Learning Guide	 Self-Directed Readings & Illustrated Explanations Guiding Questions & Inquiry-Based Activities Lab Investigation Vocabulary Review Post-Test 	Independent Study
Flip Chart Sets	 10 Double-Sided, Laminated Charts Mounted on Easel Side 1 – Graphic Overview of Topic Side 2 – Hands-On, "Write-On/Wipe-Off" Activities 	Learning Centers Small Groups Individual Review
Curriculum Mastery Game	 Game-Based Learning Exercise for 4 Players 30 Illustrated, Self-Correcting Questions 1 Double-Sided Game Board Vinyl Storage Pouch 	Learning Centers Small Groups
Vocabulary Activity Set	20+ Illustrated, Double-Sided Vocabulary Flash Cards	Learning CentersSmall GroupsIndividual Review
Online Learning Program	 "Click & Play" Resources Tools/Templates to Create Custom Lessons Learning Management System Cloud-Based Storage See Pages 3 – 4 for Complete Details! 	Whole Class Instruction on Interactive Whiteboard Individual Student Web Access from School or Home
Teacher Resource Guide	Detailed Overview on Integration within Classroom	Classroom Implementation

Phone: 1-800-956-1177 www.fisheredu.com





<u>EACH</u> Skill Builder Kit includes a Student Learning Guide, Flip Chart, Game and Vocabulary Set for <u>EACH</u> of the topics covered!

LIFE SCIENCE

FROM MOLECULES TO ORGANISMS Skill Builder Kit

- · Cells: Animal and Plant Cell Structure
- · Osmosis and Diffusion: Cell Transport
- Mitosis: Cell Growth and Division

Photosynthesis and Respiration

\$04854 Molecules to Organisms.....\$229.95

DIVERSITY OF ORGANISMS & ECOSYSTEMS Skill Builder Kit

- Six Kingdoms of Life
- · Protists: Pond Microlife
- Food Chains and Webs

\$04855 Diversity of Organisms**\$179.95**

HEREDITY Skill Builder Kit

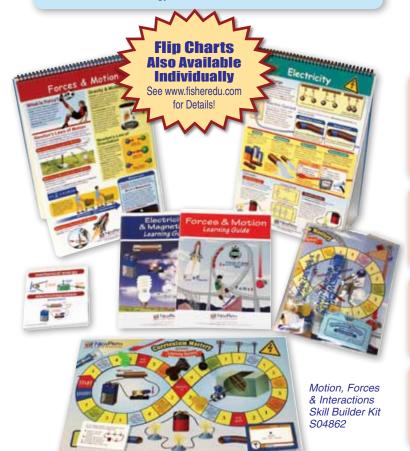
- Meiosis
- · Chromosomes, Genes and DNA
- · Genetics: The Study of Heredity

\$04856 Heredity.....\$179.95

HUMAN BIOLOGY Skill Builder Kit

- · Moving and Controlling the Body
- Providing Fuel and Protection
- Maintaining Life Protection, Reproduction & Cooperation

\$04857 Human Biology\$179.95



EARTH SCIENCE

EARTH'S PLACE IN THE UNIVERSE Skill Builder Kit

- Our Solar System
- The Sun-Earth-Moon System

\$04858 Earth's Place in the Universe\$129.95

EARTH'S SYSTEMS Skill Builder Kit

- Plate Tectonics
- Earthquakes
- Earth's Atmosphere and Weather
- Earth's Climate

\$04859 Earth's Systems\$229.95

EARTH'S SURFACE & NATURAL HAZARDS Skill Builder Kit

- Minerals
- Rocks
- Volcanoes
- · Earth's Surface

\$04860 Earth's Surface.....\$229.95





PHYSICAL SCIENCE

MATTER AND ITS INTERACTIONS Skill Builder Kit

- · Properties and States of Matter
- Atoms and Chemical Bonding
- Elements and the Periodic Table
- Chemical Reactions

\$04861 Matter & Its Interactions\$229.95

MOTION, FORCES & INTERACTIONS Skill Builder Kit

- · Forces and Motion
- Electricity and Magnetism

\$04862 Motion, Forces & Interactions......\$129.95

ENERGY Skill Builder Kit

- Energy: Forms and Changes
- Work, Power and Simple Machines

\$04863 Energy**\$129.95**

SOUND AND LIGHT Skill Builder Kit

- All About Sound
- All About Light

\$04864 Sound & Light\$129.95

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