

Middle School Next Generation Science Standards (NGSS)

Skill Builder Kits

FREE
1 Year Class License to
**Online Learning
Program**



From Molecules
to Organisms
Skill Builder Kit
S04854

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	<ul style="list-style-type: none"> • Self-Directed Readings & Illustrated Explanations • Guiding Questions & Inquiry-Based Activities • Lab Investigation • Vocabulary Review • Post-Test 	<ul style="list-style-type: none"> • Independent Study
Flip Chart Sets	<ul style="list-style-type: none"> • 10 Double-Sided, Laminated Charts Mounted on Easel • Side 1 – Graphic Overview of Topic • Side 2 – Hands-On, “Write-On/Wipe-Off” Activities 	<ul style="list-style-type: none"> • Learning Centers • Small Groups • Individual Review
Curriculum Mastery Game	<ul style="list-style-type: none"> • Game-Based Learning Exercise for 4 Players • 30 Illustrated, Self-Correcting Questions • 1 Double-Sided Game Board • Vinyl Storage Pouch 	<ul style="list-style-type: none"> • Learning Centers • Small Groups
Vocabulary Activity Set	<ul style="list-style-type: none"> • 20+ Illustrated, Double-Sided Vocabulary Flash Cards 	<ul style="list-style-type: none"> • Learning Centers • Small Groups • Individual Review
Online Learning Program	<ul style="list-style-type: none"> • “Click & Play” Resources • Tools/Templates to Create Custom Lessons • Learning Management System • Cloud-Based Storage <p>See Pages 3 – 4 for Complete Details!</p>	<ul style="list-style-type: none"> • Whole Class Instruction on Interactive Whiteboard • Individual Student Web Access from School or Home
Teacher Resource Guide	<ul style="list-style-type: none"> • Detailed Overview on Integration within Classroom 	<ul style="list-style-type: none"> • Classroom Implementation

EACH Skill Builder Kit includes a Student Learning Guide, Flip Chart, Game and Vocabulary Set for EACH 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

S04854 Molecules to Organisms.....**\$229.95**

DIVERSITY OF ORGANISMS & ECOSYSTEMS Skill Builder Kit

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

S04855 Diversity of Organisms**\$179.95**

HEREDITY Skill Builder Kit

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

S04856 Heredity.....**\$179.95**

HUMAN BIOLOGY Skill Builder Kit

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

S04857 Human Biology.....**\$179.95**

EARTH SCIENCE

EARTH'S PLACE IN THE UNIVERSE Skill Builder Kit

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

S04858 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

S04859 Earth's Systems**\$229.95**

EARTH'S SURFACE & NATURAL HAZARDS Skill Builder Kit

- Minerals
- Rocks
- Volcanoes
- Earth's Surface

S04860 Earth's Surface.....**\$229.95**



Flip Charts Also Available Individually
See www.fisheredu.com for Details!



Motion, Forces & Interactions Skill Builder Kit S04862

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

S04861 Matter & Its Interactions**\$229.95**

MOTION, FORCES & INTERACTIONS Skill Builder Kit

- Forces and Motion
- Electricity and Magnetism

S04862 Motion, Forces & Interactions.....**\$129.95**

ENERGY Skill Builder Kit

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

S04863 Energy**\$129.95**

SOUND AND LIGHT Skill Builder Kit

- All About Sound
- All About Light

S04864 Sound & Light**\$129.95**