

NEW

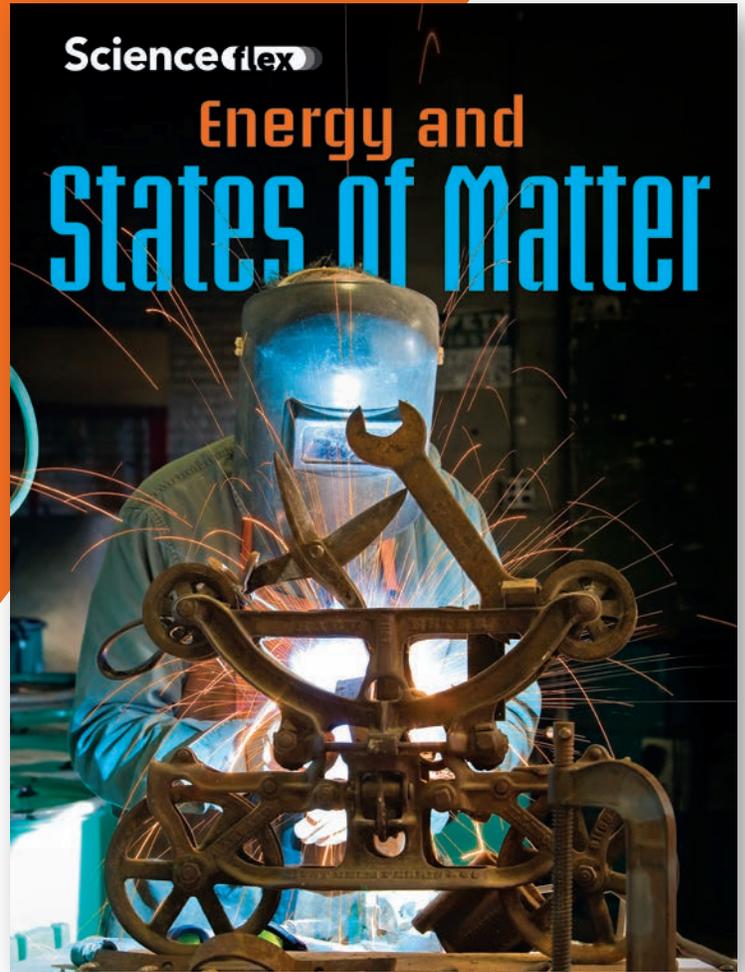
FROM DELTA EDUCATION FOR GRADES 3-5

Scienceflex™

CONNECTS HANDS-ON SCIENCE AND ACTIVE LITERACY

Begin with a refresher on physical and chemical properties and changes. Then explore the role of energy in changing matter from solids into liquids or gases and back again. Guide students through an exciting exploration of states of matter wrapped up in 5E lesson plans where students investigate through active learning then apply their new knowledge to the phenomena of icy, wet, humid weather on Earth.

Leveled Readers are available in four Lexile Measures, distinguished by a color key on the back of each reader.



Four Lexile® Measure Ranges

BLUE LEXILE RANGE 900-1050

PURPLE LEXILE RANGE 750-900

RED LEXILE RANGE 600-750

YELLOW LEXILE RANGE 450-600

ScienceFLEX has topic-based modules spanning life, earth and physical sciences and is designed to fit your standards, your way. To learn more or order, contact a sales representative.

DRIVING QUESTION – How are changes in the state of water involved in thunderstorms and other weather events?

ANCHOR PHENOMENON – Adding or taking away energy from water causes it to change from solid to liquid to gas and back again.

	INVESTIGATIVE PHENOMENA – FOCUS QUESTIONS	REAL-WORLD PHENOMENA
LESSON 1 Properties of Matter	How can matter be described?	<ul style="list-style-type: none"> Artists' materials show that different kinds of matter have different properties.
LESSON 2 Changing Matter	What happens when energy is added to or removed from matter?	<ul style="list-style-type: none"> Recycling processes utilize both physical and chemical changes.
LESSON 3 Conservation of Matter	What never changes about matter?	<ul style="list-style-type: none"> The recycling of water in the closed system of the International Space Station shows how matter is conserved.
LESSON 4 Solids, Liquids, and Gases	How do solids, liquids, and gases compare and contrast?	<ul style="list-style-type: none"> Water is unique in that it exists in all three states at normal Earth temperatures.
LESSON 5 Melting	What is melting and why does it happen?	<ul style="list-style-type: none"> Energy moves from warmer matter to cooler matter, causing the particles in matter to move more rapidly
LESSON 6 Freezing	What is freezing and why does it happen?	<ul style="list-style-type: none"> As energy moves out of liquid matter, the particles within slow down, eventually resulting in the matter becoming solid.
LESSON 7 Evaporating and Condensing	Why do evaporation and condensation happen?	<ul style="list-style-type: none"> The movement of energy into and out of matter causes it to become a liquid or gas.
LESSON 8 Weather and Energy	How does energy affect the weather?	<ul style="list-style-type: none"> Weather phenomena can involve water in all three states—solid, liquid, and gas.



Four Lexile Measure Ranges

- BLUE LEXILE RANGE 900–1050
- RED LEXILE RANGE 600–750
- PURPLE LEXILE RANGE 750–900
- YELLOW LEXILE RANGE 450–600

PART NUMBER	PRODUCT	PRICE
2004235	Energy and the States of Matter Kit Includes a Teacher Guide, 1 of each color Reader, 1 Science Notebook; equipment to support 8 groups for 3 uses; 1 set Word Wall Cards; online access to curiosityplace.com	\$639.00
2026409	Refill Kit	\$131.00
2004216	Teacher Guide	\$79.00
2013403	Reader Sample Pack Includes 1 of each color Reader	\$23.80
2004227	Blue Reader Pack of 4	\$23.80
2004226	Purple Reader Pack of 4	\$23.80
2004225	Red Reader Pack of 4	\$23.80
2004221	Yellow Reader Pack of 4	\$23.80
2004231	Science Notebook Pack of 4	\$11.96