

New York City Core Curriculum Science Materials Aligned by Grade Level and Unit of Study

KINDERGARTEN	UNIT 1 (Previously Unit 2) Trees Through the Seasons	UNIT 2 (Previously Unit 1) Exploring Properties	UNIT 3 (Same) Animals	UNIT 4
Option A (all kit-based)	<i>FOSS – Trees</i>	<i>FOSS – Wood and Paper</i> <i>FOSS – Fabric</i>	<i>FOSS – Animals Two By Two</i>	No Unit 4
Option B (all textbook-based)	<i>Harcourt Science</i> (Gr K, customized to New York City)			

GRADE 1	UNIT 1 (Previously Unit 3) Animal Diversity	UNIT 2 (Previously Unit 1) Properties of Matter	UNIT 3 (Previously Unit 2) Weather and Seasons	UNIT 4
Option A (all kit-based)	<i>FOSS – Insects</i>	<i>FOSS – Solids and Liquids</i>	<i>FOSS – Air and Weather</i>	No Unit 4
Option B (all textbook-based)	<i>Harcourt Science</i> (Gr 1, customized to New York City)			

GRADE 2	UNIT 1 (Previously Unit 2) Earth Materials	UNIT 2 (Previously Unit 1) Forces and Motion	UNIT 3 (Same) Plant Diversity	UNIT 4
Option A (all kit-based)	<i>FOSS – Pebbles, Sand and Silt</i>	<i>FOSS – Balance and Motion</i>	<i>FOSS – New Plants</i>	No Unit 4
Option B (all textbook-based)	<i>Harcourt Science</i> (Gr 2, customized to New York City)			

GRADE 3	UNIT 1 Matter	UNIT 2 Energy	UNIT 3 Simple Machines	UNIT 4 Plant and Animal Adaptations
Option A (all kit-based)	FOSS – <i>Measurement</i>	FOSS – <i>Physics of Sound</i>	DSM – <i>Force and Motion</i>	FOSS – <i>Structure of Life</i>
Option B (all textbook-based)	Harcourt Science (Gr 3, customized to New York City)			
Option C (combination of kits & text-based modules)	FOSS – <i>Measurement</i>	Harcourt Science (Gr 3, customized Unit 2 module)	DSM – <i>Force and Motion</i>	Harcourt Science (Gr 3, customized Unit 4 module)

GRADE 4	UNIT 1 Animals and Plants in Their Environment	UNIT 2 Electricity and Magnetism	UNIT 3 Properties of Water	UNIT 4 Interactions of Air, Water, and Land
Option A (all kit-based)	DSM – <i>Food Chains and Webs</i>	FOSS – <i>Magnetism and Electricity</i>	FOSS – <i>Water</i>	DSM – <i>Earth Movements</i>
Option B (all textbook-based)	Harcourt Science (Gr 4, customized to New York City)			
Option C (combination of kits & text-based modules)	DSM – <i>Food Chains and Webs</i>	Harcourt Science (Gr 4, customized Unit 2 module)	FOSS – <i>Water</i>	Harcourt Science (Gr 4, customized Unit 4 module)

GRADE 5	UNIT 1 The Nature of Science	UNIT 2 Earth Science	UNIT 3 Food and Nutrition	UNIT 4 Exploring Ecosystems
Option A (all kit-based)	FOSS – <i>Variables</i>	FOSS – <i>Landforms</i>	FOSS – <i>Food and Nutrition</i>	FOSS – <i>Environments</i>
Option B (all textbook-based)	Harcourt Science (Gr 5, customized to New York City)			
Option C (combination of kits & text-based modules)	FOSS – <i>Variables</i>	Harcourt Science (Gr 5, customized Unit 2 module)	FOSS – <i>Food and Nutrition</i>	Harcourt Science (Gr 5, customized Unit 4 module)

GRADE 6	UNIT 1 Simple and Complex Machines	UNIT 2 Weather	UNIT 3 Diversity of Life	UNIT 4 Interdependence
Option A (all kit-based)	FOSS – <i>Levers and Pulleys</i>	FOSS – <i>Weather and Water</i>	FOSS – <i>Populations and Ecosystems</i>	
Option B (all textbook-based)	Glencoe <i>New York Science</i> (Gr 6, customized to New York City)			
Option C (combination of kits & text-based modules)	Glencoe <i>New York Science</i> (Gr 6, customized Unit 1 module)	Glencoe <i>New York Science</i> (Gr 6, customized Unit 2 module)	FOSS – <i>Populations and Ecosystems</i>	

GRADE 7	UNIT 1 Geology	UNIT 2 Interactions Between Matter and Energy	UNIT 3 Dynamic Equilibrium: The Human Animal	UNIT 4 Dynamic Equilibrium: Other Organisms
Option A (all kit-based)	LAB AIDS SEPUP – <i>Issues and Earth Science: Unit B (Rocks and Minerals); Unit D (Plate Tectonics)</i>	FOSS – <i>Chemical Interactions</i>	LAB AIDS SALI – <i>Body Works</i>	Delta Customized Kit: <i>Investigations with Protozoa, Plants, and Snails</i>
Option B (all textbook-based)	Glencoe <i>New York Science</i> (Gr 7, customized to New York City)			
Option C (combination of kits & text-based modules)	Glencoe <i>New York Science</i> (Gr 7, customized Unit 1 module)	FOSS – <i>Chemical Interactions</i>	LAB AIDS SALI – <i>Body Works</i>	Glencoe <i>New York Science</i> (Gr 7, customized Unit 4 module)

GRADE 8	UNIT 1 Reproduction, Heredity and Evolution	UNIT 2 (Previously Unit 4) Forces and Motion on Earth	UNIT 3 Earth, Sun, Moon System	UNIT 4 (Previously Unit 2) Humans in Their Environment: Needs and Tradeoffs (Exit Projects)
Option A (all kit-based)	LAB AIDS SALI: <i>Unit D (Our Genes, Ourselves)</i> <i>Unit F (Evolution)</i>	LAB AIDS SEPUP – <i>Issues and Physical Science: Force and Motion</i>	FOSS – <i>Planetary Science</i>	<i>Revised Exit Project Guide will be available Fall 2008.</i>
Option B (all textbook-based)	Glencoe <i>New York Science</i> (Gr 8, customized to New York City)			
Option C (combination of kits & text-based modules)	LAB AIDS SALI: <i>Unit D (Our Genes, Ourselves)</i> <i>Unit F (Evolution)</i>	LAB AIDS SEPUP – <i>Issues and Physical Science: Force and Motion</i>	Glencoe <i>New York Science</i> (Gr 8, customized Unit 3 module)	<i>Revised Exit Project Guide will be available Fall 2008.</i>
GRADE 8 ACCELERATED	Earth Science			
	<i>Holt – New York Earth Science: The Physical Setting</i>			
GRADE 8 ACCELERATED	The Living Environment			
	<i>Holt – New York Biology: The Living Environment</i>			