

STEM in Action: Master TEKS Alignment Grade 1

Color Code: PreK – Grade K – PreK- K - Grade 1 – Grade 2 – Grade K-2 – Grade 1-2

§112.12. Science, Grade 1, Adopted 2017

(1) Scientific investigation and reasoning. The student conducts classroom and outdoor investigations following home and school safety procedures and uses environmentally appropriate and responsible practices. The student is expected to:

(A) Identify, discuss, and demonstrate safe and healthy practices as outlined in Texas Education Agency-approved safety standards during classroom and outdoor investigations, including wearing safety goggles or chemical splash goggles, as appropriate, washing hands, and using materials appropriately.

Correlated Lessons (1A):

- STEM in Action, Grade K: Sunny Sandbox Exploration
- STEM in Action, Grade 2: Muddy Mats Exploration
- STEM in Action, Grades K–2: Coding Mouse Exploration

(B) Identify and learn how to use natural resources and materials, including conservation and reuse or recycling of paper, plastic, and metals.

Correlated Lessons (1B):

- STEM in Action, Grade K: Little Footprint Exploration

(2) Scientific investigation and reasoning. The student develops abilities to ask questions and seek answers in classroom and outdoor investigations. The student is expected to:

(A) Ask questions about organisms, objects, and events observed in the natural world.

Correlated Lessons (2A):

- STEM in Action, Grade PreK: Ron's Habitat Adventure
- STEM in Action, Grade PreK: Ron's Ramp Adventure
- STEM in Action, Grade PreK: Pam and Ava's Mapping Adventure
- STEM in Action, Grade K: Sunny Sandbox Exploration
- STEM in Action, Grade K: Little Footprint Exploration
- STEM in Action, Grade K: Sidewalk Safety Exploration
- STEM in Action, Grade PreK-K: Ron's Ramp Adventure: How Far Can Ron Go?
- STEM in Action, Grade PreK-K: Ron's Ramp Adventure: Make It Stop
- STEM in Action, Grade PreK-K: Ron's Ramp Adventure: Make a Graph
- STEM in Action, Grade PreK-K: Ron's Ramp Adventure: Which Goes Farther?
- STEM in Action, Grade 1: Shadow Box Theater Exploration
- STEM in Action, Grade 1: Sound Bite Exploration
- STEM in Action, Grade 1: Wild Feet Exploration
- STEM in Action, Grade 2: Muddy Mats Exploration
- STEM in Action, Grade 2: Seed Rescue Exploration
- STEM in Action, Grade 2: Shrinking Shore Exploration
- STEM in Action, Grades 1-2: Helicopter Hang Time
- STEM in Action, Grades K–2: Coding Mouse Exploration

(B) Plan and conduct simple descriptive investigations.

Correlated Lessons (2B):

- STEM in Action, Grade PreK: Ron's Ramp Adventure
- STEM in Action, Grade K: Sidewalk Safety Exploration
- STEM in Action, Grade PreK-K: Ron's Ramp Adventure: How Far Can Ron Go?
- STEM in Action, Grade PreK-K: Ron's Ramp Adventure: Make It Stop
- STEM in Action, Grade PreK-K: Ron's Ramp Adventure: Make a Graph
- STEM in Action, Grade PreK-K: Ron's Ramp Adventure: Which Goes Farther?
- STEM in Action, Grade 1: Shadow Box Theater Exploration
- STEM in Action, Grade 1: Sound Bite Exploration
- STEM in Action, Grade 1: Wild Feet Exploration
- STEM in Action, Grade 2: Muddy Mats Exploration
- STEM in Action, Grade 2: Seed Rescue Exploration
- STEM in Action, Grade 2: Shrinking Shore Exploration
- STEM in Action, Grades 1-2: Helicopter Hang Time
- STEM in Action, Grades K–2: Coding Mouse Exploration

(C) Collect data and make observations using simple tools.

Correlated Lessons (2C):

- STEM in Action, Grade PreK: Pam and Ava's Mapping Adventure
- STEM in Action, Grade PreK: Ron's Habitat Adventure

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Correlated Lessons (2C Continued):

- STEM in Action, Grade PreK: Ron's Ramp Adventure
- STEM in Action, Grade K: Little Footprint Exploration
- STEM in Action, Grade K: Sidewalk Safety Exploration
- STEM in Action, Grade K: Sunny Sandbox Exploration
- STEM in Action, Grade PreK-K: Ron's Ramp Adventure: How Far Can Ron Go?
- STEM in Action, Grade PreK-K: Ron's Ramp Adventure: Make It Stop
- STEM in Action, Grade PreK-K: Ron's Ramp Adventure: Make a Graph
- STEM in Action, Grade PreK-K: Ron's Ramp Adventure: Which Goes Farther?
- STEM in Action, Grade 1: Shadow Box Theater Exploration
- STEM in Action, Grade 1: Sound Bite Exploration
- STEM in Action, Grade 1: Wild Feet Exploration
- STEM in Action, Grade 2: Muddy Mats Exploration
- STEM in Action, Grade 2: Seed Rescue Exploration
- STEM in Action, Grade 2: Shrinking Shore Exploration
- STEM in Action, Grades 1-2: Helicopter Hang Time
- STEM in Action, Grades K-2: Coding Mouse Exploration

(D) Record and organize data using pictures, numbers, and words.

Correlated Lessons (2D):

- STEM in Action, Grade PreK: Pam and Ava's Mapping Adventure
- STEM in Action, Grade PreK: Ron's Habitat Adventure
- STEM in Action, Grade PreK: Ron's Ramp Adventure
- STEM in Action, Grade K: Little Footprint Exploration
- STEM in Action, Grade K: Sidewalk Safety Exploration
- STEM in Action, Grade K: Sunny Sandbox Exploration
- STEM in Action, Grade PreK-K: Ron's Ramp Adventure: How Far Can Ron Go?
- STEM in Action, Grade PreK-K: Ron's Ramp Adventure: Make It Stop
- STEM in Action, Grade PreK-K: Ron's Ramp Adventure: Make a Graph
- STEM in Action, Grade PreK-K: Ron's Ramp Adventure: Which Goes Farther?
- STEM in Action, Grade 1: Shadow Box Theater Exploration
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- STEM in Action, Grade 2: Seed Rescue Exploration
- STEM in Action, Grade 2: Shrinking Shore Exploration
- STEM in Action, Grades 1-2: Helicopter Hang Time
- STEM in Action, Grades K-2: Coding Mouse Exploration

(E) Communicate observations and provide reasons for explanations using student-generated data from simple descriptive investigations.

Correlated Lessons (2E):

- STEM in Action, Grade PreK: Pam and Ava's Mapping Adventure
- STEM in Action, Grade PreK: Ron's Habitat Adventure
- STEM in Action, Grade PreK: Ron's Ramp Adventure
- STEM in Action, Grade K: Little Footprint Exploration
- STEM in Action, Grade K: Sidewalk Safety Exploration
- STEM in Action, Grade K: Sunny Sandbox Exploration
- STEM in Action, Grade PreK-K: Ron's Ramp Adventure: How Far Can Ron Go?
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- STEM in Action, Grade 1: Shadow Box Theater Exploration
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- STEM in Action, Grade 1: Wild Feet Exploration
- STEM in Action, Grade 2: Muddy Mats Exploration
- STEM in Action, Grade 2: Seed Rescue Exploration

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Correlated Lessons (2E Continued):

- STEM in Action, Grade 2: Shrinking Shore Exploration
- STEM in Action, Grades 1-2: Helicopter Hang Time
- STEM in Action, Grades K-2: Coding Mouse Exploration

(3) Scientific investigation and reasoning. The student knows that information and critical thinking are used in scientific problem solving. The student is expected to:

(A) Identify and explain a problem and propose a solution.

Correlated Lessons (3A):

- STEM in Action, Grade PreK: Pam and Ava's Mapping Adventure
- STEM in Action, Grade PreK: Ron's Habitat Adventure
- STEM in Action, Grade PreK: Ron's Ramp Adventure
- STEM in Action, Grade K: Little Footprint Exploration
- STEM in Action, Grade K: Sidewalk Safety Exploration
- STEM in Action, Grade K: Sunny Sandbox Exploration
- STEM in Action, Grade PreK-K: Ron's Ramp Adventure: How Far Can Ron Go?
- STEM in Action, Grade PreK-K: Ron's Ramp Adventure: Make It Stop
- STEM in Action, Grade PreK-K: Ron's Ramp Adventure: Make a Graph
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- STEM in Action, Grade 1: Wild Feet Exploration
- STEM in Action, Grade 2: Muddy Mats Exploration
- STEM in Action, Grade 2: Seed Rescue Exploration
- STEM in Action, Grade 2: Shrinking Shore Exploration
- STEM in Action, Grades 1-2: Helicopter Hang Time
- STEM in Action, Grades K-2: Coding Mouse Exploration

(B) Make predictions based on observable patterns.

Correlated Lessons (3B):

- STEM in Action, Grade PreK: Pam and Ava's Mapping Adventure
- STEM in Action, Grade PreK: Ron's Habitat Adventure
- STEM in Action, Grade PreK: Ron's Ramp Adventure
- STEM in Action, Grade K: Little Footprint Exploration
- STEM in Action, Grade K: Sidewalk Safety Exploration
- STEM in Action, Grade K: Sunny Sandbox Exploration
- STEM in Action, Grade PreK-K: Ron's Ramp Adventure: How Far Can Ron Go?
- STEM in Action, Grade PreK-K: Ron's Ramp Adventure: Make It Stop
- STEM in Action, Grade PreK-K: Ron's Ramp Adventure: Make a Graph
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- STEM in Action, Grade 2: Seed Rescue Exploration
- STEM in Action, Grade 2: Shrinking Shore Exploration
- STEM in Action, Grades 1-2: Helicopter Hang Time
- STEM in Action, Grades K-2: Coding Mouse Exploration

(C) Describe what scientists do.

Correlated Lessons (3C):

- STEM in Action, Grade 1: Sound Bite Exploration
- STEM in Action, Grade 2: Shrinking Shore Exploration

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(4) Scientific investigation and reasoning. The student uses age-appropriate tools and models to investigate the natural world. The student is expected to:

(A) Collect, record, and compare information using tools, including computers, hand lenses, primary balances, cups, bowls, magnets, collecting nets, notebooks, and safety goggles or chemical splash goggles, as appropriate; timing devices; non-standard measuring items; weather instruments such as demonstration thermometers and wind socks; and materials to support observations of habitats of organisms such as aquariums and terrariums.

Correlated Lessons (4A):

- STEM in Action, Grade PreK: Pam and Ava's Mapping Adventure
- STEM in Action, Grade PreK: Ron's Habitat Adventure
- STEM in Action, Grade PreK: Ron's Ramp Adventure
- STEM in Action, Grade K: Little Footprint Exploration
- STEM in Action, Grade K: Sidewalk Safety Exploration
- STEM in Action, Grade K: Sunny Sandbox Exploration
- STEM in Action, Grade PreK-K: Ron's Ramp Adventure: How Far Can Ron Go?
- STEM in Action, Grade PreK-K: Ron's Ramp Adventure: Make It Stop
- STEM in Action, Grade PreK-K: Ron's Ramp Adventure: Make a Graph
- STEM in Action, Grade PreK-K: Ron's Ramp Adventure: Which Goes Farther?
- STEM in Action, Grade 1: Shadow Box Theater Exploration
- STEM in Action, Grade 1: Sound Bite Exploration
- STEM in Action, Grade 1: Wild Feet Exploration
- STEM in Action, Grade 2: Muddy Mats Exploration
- STEM in Action, Grade 2: Seed Rescue Exploration
- STEM in Action, Grade 2: Shrinking Shore Exploration
- STEM in Action, Grades 1-2: Helicopter Hang Time
- STEM in Action, Grades K-2: Coding Mouse Exploration

(B) Measure and compare organisms and objects using non-standard units.

Correlated Lessons (4B):

- STEM in Action, Grade PreK: Ron's Habitat Adventure
- STEM in Action, Grade PreK: Ron's Ramp Adventure
- STEM in Action, Grade K: Little Footprint Exploration
- STEM in Action, Grade K: Sidewalk Safety Exploration
- STEM in Action, Grade K: Sunny Sandbox Exploration
- STEM in Action, Grade PreK-K: Ron's Ramp Adventure: How Far Can Ron Go?
- STEM in Action, Grade PreK-K: Ron's Ramp Adventure: Make It Stop
- STEM in Action, Grade PreK-K: Ron's Ramp Adventure: Make a Graph
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- STEM in Action, Grade 1: Sound Bite Exploration
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- STEM in Action, Grade 2: Seed Rescue Exploration
- STEM in Action, Grade 2: Shrinking Shore Exploration
- STEM in Action, Grades 1-2: Helicopter Hang Time

(5) Matter and energy. The student knows that objects have properties and patterns. The student is expected to:

(A) Classify objects by observable properties such as larger and smaller, heavier and lighter, shape, color, and texture.

Correlated Lessons (5A):

- STEM in Action, Grade PreK: Pam and Ava's Mapping Adventure
- STEM in Action, Grade PreK: Ron's Ramp Adventure
- STEM in Action, Grade K: Sidewalk Safety Exploration
- STEM in Action, Grade PreK-K: Ron's Ramp Adventure: Which Goes Farther?
- STEM in Action, Grade 1: Wild Feet Exploration
- STEM in Action, Grade 2: Muddy Mats Exploration
- STEM in Action, Grade 2: Seed Rescue Exploration
- STEM in Action, Grades 1-2: Helicopter Hang Time

(B) Predict and identify changes in materials caused by heating and cooling.

Correlated Lessons (5B):

- STEM in Action, Grade 2: Muddy Mats Exploration

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(6) Force, motion, and energy. The student knows that force, motion, and energy are related and are a part of everyday life. The student is expected to:

(A) Identify and discuss how different forms of energy such as light, thermal, and sound are important to everyday life.

Correlated Lessons (6A):

- STEM in Action, Grade 1: Sound Bite Exploration

(C) Demonstrate and record the ways that objects can move such as in a straight line, zig zag, up and down, back and forth, round and round, and fast and slow.

Correlated Lessons (6C):

- STEM in Action, Grade PreK: Ron's Ramp Adventure
- STEM in Action, Grade K: Sidewalk Safety Exploration
- STEM in Action, Grade PreK-K: Ron's Ramp Adventure: How Far Can Ron Go?
- STEM in Action, Grade PreK-K: Ron's Ramp Adventure: Make It Stop
- STEM in Action, Grade PreK-K: Ron's Ramp Adventure: Make a Graph
- STEM in Action, Grade PreK-K: Ron's Ramp Adventure: Which Goes Farther?

(7) Earth and space. The student knows that the natural world includes rocks, soil, and water that can be observed in cycles, patterns, and systems. The student is expected to:

(A) Observe, compare, describe, and sort components of soil by size, texture, and color.

Correlated Lessons (7A):

- STEM in Action, Grade 2: Shrinking Shore Exploration

(B) Identify and describe a variety of natural sources of water, including streams, lakes, and oceans.

Correlated Lessons (7B):

- STEM in Action, Grade K: Sunny Sandbox Exploration
- STEM in Action, Grade 2: Muddy Mats Exploration

(8) Earth and space. The student knows that the natural world includes the air around us and objects in the sky. The student is expected to:

(A) Record weather information, including relative temperature such as hot or cold, clear or cloudy, calm or windy, and rainy or icy.

Correlated Lessons (8A):

- STEM in Action, Grade K: Sunny Sandbox Exploration

(B) Observe and record changes in the appearance of objects in the sky such as the Moon and stars, including the Sun.

Correlated Lessons (8B):

- STEM in Action, Grade K: Sunny Sandbox Exploration

(D) Demonstrate that air is all around us and observe that wind is moving air.

Correlated Lessons (8D):

- STEM in Action, Grade K: Little Footprint Exploration

(9) Organisms and environments. The student knows that the living environment is composed of relationships between organisms and the life cycles that occur. The student is expected to:

(A) Sort and classify living and nonliving things based upon whether they have basic needs and produce offspring.

Correlated Lessons (9A):

- STEM in Action, Grade PreK: Ron's Habitat Adventure
- STEM in Action, Grades K-2: Coding Mouse Exploration

(B) Analyze and record examples of interdependence found in various situations such as terrariums and aquariums or pet and caregiver.

Correlated Lessons (9B):

- STEM in Action, Grade PreK: Ron's Habitat Adventure
- STEM in Action, Grade 2: Seed Rescue Exploration
- STEM in Action, Grades K-2: Coding Mouse Exploration

(C) Gather evidence of interdependence among living organisms such as energy transfer through food chains or animals using plants for shelter.

Correlated Lessons (9C):

- STEM in Action, Grade PreK: Ron's Habitat Adventure
- STEM in Action, Grade 2: Seed Rescue Exploration
- STEM in Action, Grades K-2: Coding Mouse Exploration

(10) Organisms and environments. The student knows that organisms resemble their parents and have structures and processes that help them survive within their environments. The student is expected to:

(A) Investigate how the external characteristics of an animal are related to where it lives, how it moves, and what it eats.

Correlated Lessons (10A):

- STEM in Action, Grade PreK: Ron's Habitat Adventure
- STEM in Action, Grade 1: Wild Feet Exploration

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Correlated Lessons (10A Continued):

- STEM in Action, Grade 2: Seed Rescue Exploration
- STEM in Action, Grades K–2: Coding Mouse Exploration

(B) Identify and compare the parts of plants.

Correlated Lessons (10B):

- STEM in Action, Grade 1: Wild Feet Exploration
- STEM in Action, Grade 2: Seed Rescue Exploration

§ 110.3.English Language Arts and Reading, Grade 1, Adopted 2017

1. Developing and sustaining foundational language skills: listening, speaking, discussion, and thinking--oral language. The student develops oral language through listening, speaking, and discussion. The student is expected to:

(A) Listen actively, ask relevant questions to clarify information, and answer questions using multi-word responses.

Correlated Lessons (1A):

- STEM in Action, Grade PreK: Pam and Ava's Mapping Adventure
- STEM in Action, Grade PreK: Ron's Habitat Adventure
- STEM in Action, Grade PreK: Ron's Ramp Adventure
- STEM in Action, Grade K: Sunny Sandbox Exploration
- STEM in Action, Grade K: Little Footprint Exploration
- STEM in Action, Grade 1: Shadow Box Theater Exploration
- STEM in Action, Grade 1: Sound Bite Exploration
- STEM in Action, Grade 2: Muddy Mats Exploration
- STEM in Action, Grade 2: Seed Rescue Exploration
- STEM in Action, Grade 2: Shrinking Shore Exploration

(B) Follow, restate, and give oral instructions that involve a short, related sequence of actions.

Correlated Lessons (1B):

- STEM in Action, Grade PreK: Pam and Ava's Mapping Adventure
- STEM in Action, Grade PreK: Ron's Habitat Adventure
- STEM in Action, Grade PreK: Ron's Ramp Adventure
- STEM in Action, Grade K: Sunny Sandbox Exploration
- STEM in Action, Grade 2: Muddy Mats Exploration
- STEM in Action, Grades K–2: Coding Mouse Exploration

(C) Share information and ideas about the topic under discussion, speaking clearly at an appropriate pace and using the conventions of language.

Correlated Lessons (1C):

- STEM in Action, Grade PreK: Pam and Ava's Mapping Adventure
- STEM in Action, Grade PreK: Ron's Habitat Adventure
- STEM in Action, Grade PreK: Ron's Ramp Adventure
- STEM in Action, Grade K: Sunny Sandbox Exploration
- STEM in Action, Grade 2: Muddy Mats Exploration
- STEM in Action, Grade 2: Shrinking Shore Exploration
- STEM in Action, Grades 1-2: Helicopter Hang Time
- STEM in Action, Grades K–2: Coding Mouse Exploration

(D) Work collaboratively with others by following agreed-upon rules for discussion, including listening to others, speaking when recognized, and making appropriate contributions.

Correlated Lessons (1D):

- STEM in Action, Grade PreK: Pam and Ava's Mapping Adventure
- STEM in Action, Grade PreK: Ron's Habitat Adventure
- STEM in Action, Grade PreK: Ron's Ramp Adventure
- STEM in Action, Grade K: Sunny Sandbox Exploration
- STEM in Action, Grade K: Little Footprint Exploration
- STEM in Action, Grade K: Sidewalk Safety Exploration
- STEM in Action, Grade Pre-K: Ron's Ramp Adventure: How Far Can Ron Go?
- STEM in Action, Grade Pre-K: Ron's Ramp Adventure: Make It Stop
- STEM in Action, Grade Pre-K: Ron's Ramp Adventure: Make a Graph
- STEM in Action, Grade Pre-K: Ron's Ramp Adventure: Which Goes Farther?

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Correlated Lessons (1D Continued):

- STEM in Action, Grade 1: Shadow Box Theater Exploration
- STEM in Action, Grade 1: Sound Bite Exploration
- STEM in Action, Grade 1: Wild Feet Exploration
- STEM in Action, Grade 2: Muddy Mats Exploration
- STEM in Action, Grade 2: Seed Rescue Exploration
- STEM in Action, Grade 2: Shrinking Shore Exploration
- STEM in Action, Grades 1-2: Helicopter Hang Time
- STEM in Action, Grades K-2: Coding Mouse Exploration

(E) Develop social communication such as introducing himself/herself and others, relating experiences to a classmate, and expressing needs and feelings.

Correlated Lessons (1E):

- STEM in Action, Grade PreK: Pam and Ava's Mapping Adventure
- STEM in Action, Grade PreK: Ron's Habitat Adventure
- STEM in Action, Grade PreK: Ron's Ramp Adventure
- STEM in Action, Grade K: Sunny Sandbox Exploration
- STEM in Action, Grade 1: Sound Bite Exploration
- STEM in Action, Grade 2: Muddy Mats Exploration
- STEM in Action, Grade 2: Shrinking Shore Exploration

(2) Developing and sustaining foundational language skills: listening, speaking, reading, writing, and thinking--beginning reading and writing. The student develops word structure knowledge through phonological awareness, print concepts, phonics, and morphology to communicate, decode, and spell. The student is expected to:

(B) Demonstrate and apply phonetic knowledge by:

(vi) Identifying and reading at least 100 high-frequency words from a research-based list.

Correlated Lessons(2B.vi):

- STEM in Action, Grade K: Sunny Sandbox Exploration

(D) Demonstrate print awareness by identifying the information that different parts of a book provide.

Correlated Lessons (2D):

- STEM in Action, Grade 1: Sound Bite Exploration

(3) Developing and sustaining foundational language skills: listening, speaking, reading, writing, and thinking--vocabulary. The student uses newly acquired vocabulary expressively. The student is expected to:

(B) Use illustrations and texts the student is able to read or hear to learn or clarify word meanings.

Correlated Lessons (3B):

- STEM in Action, Grade PreK: Pam and Ava's Mapping Adventure
- STEM in Action, Grade PreK: Ron's Habitat Adventure
- STEM in Action, Grade K: Sunny Sandbox Exploration
- STEM in Action, Grade K: Little Footprint Exploration
- STEM in Action, Grade K: Sidewalk Safety Exploration
- STEM in Action, Grade 1: Shadow Box Theater Exploration
- STEM in Action, Grade 1: Sound Bite Exploration
- STEM in Action, Grade 2: Muddy Mats Exploration
- STEM in Action, Grade 2: Seed Rescue Exploration
- STEM in Action, Grade 2: Shrinking Shore Exploration

(D) Identify and use words that name actions, directions, positions, sequences, categories, and locations.

Correlated Lessons (3D):

- STEM in Action, Grade PreK: Pam and Ava's Mapping Adventure
- STEM in Action, Grade PreK: Ron's Habitat Adventure
- STEM in Action, Grade PreK: Ron's Ramp Adventure
- STEM in Action, Grade K: Sunny Sandbox Exploration
- STEM in Action, Grade 2: Muddy Mats Exploration

(6) Comprehension skills: listening, speaking, reading, writing, and thinking using multiple texts. The student uses metacognitive skills to both develop and deepen comprehension of increasingly complex texts. The student is expected to:

(A) Establish purpose for reading assigned and self-selected texts with adult assistance.

Correlated Lessons (6A):

- STEM in Action, Grade K: Sunny Sandbox Exploration
- STEM in Action, Grade 1: Sound Bite Exploration
- STEM in Action, Grade 2: Shrinking Shore Exploration

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Correlated Lessons (6A Continued):

- STEM in Action, Grade 2: Muddy Mats Exploration

(B) Generate questions about text before, during, and after reading to deepen understanding and gain information with adult assistance.

Correlated Lessons (6B):

- STEM in Action, Grade PreK: Pam and Ava's Mapping Adventure
- STEM in Action, Grade PreK: Ron's Habitat Adventure
- STEM in Action, Grade PreK: Ron's Ramp Adventure
- STEM in Action, Grade K: Sunny Sandbox Exploration
- STEM in Action, Grade K: Little Footprint Exploration
- STEM in Action, Grade 1: Shadow Box Theater Exploration
- STEM in Action, Grade 1: Sound Bite Exploration
- STEM in Action, Grade 2: Muddy Mats Exploration
- STEM in Action, Grade 2: Seed Rescue Exploration
- STEM in Action, Grade 2: Shrinking Shore Exploration

(C) Make, correct, or confirm predictions using text features, characteristics of genre, and structures with adult assistance.

Correlated Lessons (6C):

- STEM in Action, Grade PreK: Pam and Ava's Mapping Adventure
- STEM in Action, Grade PreK: Ron's Habitat Adventure
- STEM in Action, Grade PreK: Ron's Ramp Adventure
- STEM in Action, Grade K: Sunny Sandbox Exploration
- STEM in Action, Grade 2: Muddy Mats Exploration
- STEM in Action, Grade 2: Shrinking Shore Exploration

(E) Make connections to personal experiences, ideas in other texts, and society with adult assistance.

Correlated Lessons (6E):

- STEM in Action, Grade 2: Shrinking Shore Exploration

(F) Make inferences and use evidence to support understanding with adult assistance.

Correlated Lessons (6F):

- STEM in Action, Grade PreK: Pam and Ava's Mapping Adventure
- STEM in Action, Grade PreK: Ron's Habitat Adventure
- STEM in Action, Grade PreK: Ron's Ramp Adventure
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- STEM in Action, Grade 2: Seed Rescue Exploration
- STEM in Action, Grade 2: Shrinking Shore Exploration
- STEM in Action, Grades K–2: Coding Mouse Exploration

(G) Evaluate details to determine what is most important with adult assistance.

Correlated Lessons (6G):

- STEM in Action, Grade PreK: Pam and Ava's Mapping Adventure
- STEM in Action, Grade PreK: Ron's Habitat Adventure
- STEM in Action, Grade K: Sunny Sandbox Exploration
- STEM in Action, Grade K: Little Footprint Exploration
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(H) Synthesize information to create new understanding with adult assistance.

Correlated Lessons (6H):

- STEM in Action, Grade 1: Sound Bite Exploration
- STEM in Action, Grade 2: Shrinking Shore Exploration

(I) Monitor comprehension and make adjustments such as re-reading, using background knowledge, checking for visual cues, and asking questions when understanding breaks down.

Correlated Lessons (6I):

- STEM in Action, Grade PreK: Pam and Ava's Mapping Adventure
- STEM in Action, Grade PreK: Ron's Habitat Adventure
- STEM in Action, Grade PreK: Ron's Ramp Adventure
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- STEM in Action, Grade 2: Muddy Mats Exploration

(7) Response skills: listening, speaking, reading, writing, and thinking using multiple texts. The student responds to an increasingly challenging variety of sources that are read, heard, or viewed. The student is expected to:

(A) Describe personal connections to a variety of sources.

Correlated Lessons (7A):

- STEM in Action, Grade 2: Shrinking Shore Exploration

(B) Write brief comments on literary or informational texts.

Correlated Lessons (7B):

- STEM in Action, Grade PreK: Pam and Ava's Mapping Adventure
- STEM in Action, Grade PreK: Ron's Habitat Adventure
- STEM in Action, Grade K: Sidewalk Safety Exploration

(C) Use text evidence to support an appropriate response.

Correlated Lessons (7C):

- STEM in Action, Grade PreK: Pam and Ava's Mapping Adventure
- STEM in Action, Grade PreK: Ron's Habitat Adventure
- STEM in Action, Grade K: Sunny Sandbox Exploration
- STEM in Action, Grade K: Little Footprint Exploration
- STEM in Action, Grade K: Sidewalk Safety Exploration
- STEM in Action, Grade 1: Shadow Box Theater Exploration
- STEM in Action, Grade 1: Sound Bite Exploration
- STEM in Action, Grade 1: Wild Feet Exploration
- STEM in Action, Grade 2: Muddy Mats Exploration
- STEM in Action, Grade 2: Seed Rescue Exploration
- STEM in Action, Grade 2: Shrinking Shore Exploration
- STEM in Action, Grades K-2: Coding Mouse Exploration

(D) Retell texts in ways that maintain meaning.

Correlated Lessons (7D):

- STEM in Action, Grade PreK: Pam and Ava's Mapping Adventure
- STEM in Action, Grade PreK: Ron's Habitat Adventure
- STEM in Action, Grade PreK: Ron's Ramp Adventure
- STEM in Action, Grade K: Sunny Sandbox Exploration
- STEM in Action, Grade 1: Sound Bite Exploration
- STEM in Action, Grade 2: Muddy Mats Exploration
- STEM in Action, Grade 2: Shrinking Shore Exploration

(E) Interact with sources in meaningful ways such as illustrating or writing.

Correlated Lessons (7E):

- STEM in Action, Grade PreK: Pam and Ava's Mapping Adventure
- STEM in Action, Grade K: Sunny Sandbox Exploration
- STEM in Action, Grade 1: Sound Bite Exploration
- STEM in Action, Grade 2: Shrinking Shore Exploration

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Correlated Lessons (7E Continued):

- STEM in Action, Grade 2: Muddy Mats Exploration

(F) Respond using newly acquired vocabulary as appropriate.

Correlated Lessons (7F):

- STEM in Action, Grade PreK: Pam and Ava's Mapping Adventure
- STEM in Action, Grade 1: Sound Bite Exploration
- STEM in Action, Grade 2: Shrinking Shore Exploration

(8) Multiple genres: listening, speaking, reading, writing, and thinking using multiple texts--literary elements. The student recognizes and analyzes literary elements within and across increasingly complex traditional, contemporary, classical, and diverse literary texts. The student is expected to:

(A) Discuss topics and determine theme using text evidence with adult assistance.

Correlated Lessons (8A):

- STEM in Action, Grade PreK: Pam and Ava's Mapping Adventure
- STEM in Action, Grade PreK: Ron's Habitat Adventure
- STEM in Action, Grade K: Little Footprint Exploration
- STEM in Action, Grade K: Sidewalk Safety Exploration
- STEM in Action, Grade K: Sunny Sandbox Exploration
- STEM in Action, Grade 1: Shadow Box Theater Exploration
- STEM in Action, Grade 1: Sound Bite Exploration
- STEM in Action, Grade 1: Wild Feet Exploration
- STEM in Action, Grade 2: Seed Rescue Exploration
- STEM in Action, Grade 2: Shrinking Shore Exploration
- STEM in Action, Grade 2: Muddy Mats Exploration
- STEM in Action, Grades K–2: Coding Mouse Exploration

(B) Describe the main character(s) and the reason(s) for their actions.

Correlated Lessons (8B):

- STEM in Action, Grade PreK: Pam and Ava's Mapping Adventure
- STEM in Action, Grade PreK: Ron's Habitat Adventure
- STEM in Action, Grade PreK: Ron's Ramp Adventure
- STEM in Action, Grade K: Sunny Sandbox Exploration

(9) Multiple genres: listening, speaking, reading, writing, and thinking using multiple texts--genres. The student recognizes and analyzes genre-specific characteristics, structures, and purposes within and across increasingly complex traditional, contemporary, classical, and diverse texts. The student is expected to:

(C) Discuss elements of drama such as characters and setting.

Correlated Lessons (9C):

- STEM in Action, Grade PreK: Pam and Ava's Mapping Adventure
- STEM in Action, Grade PreK: Ron's Habitat Adventure
- STEM in Action, Grade PreK: Ron's Ramp Adventure
- STEM in Action, Grade K: Sunny Sandbox Exploration

(D) Recognize characteristics and structures of informational text, including:

(D.i) The central idea and supporting evidence with adult assistance.

Correlated Lessons (9D.i):

- STEM in Action, Grade PreK: Pam and Ava's Mapping Adventure
- STEM in Action, Grade PreK: Ron's Habitat Adventure
- STEM in Action, Grade K: Little Footprint Exploration
- STEM in Action, Grade K: Sidewalk Safety Exploration
- STEM in Action, Grade K: Sunny Sandbox Exploration
- STEM in Action, Grade 1: Shadow Box Theater Exploration
- STEM in Action, Grade 1: Sound Bite Exploration
- STEM in Action, Grade 1: Wild Feet Exploration
- STEM in Action, Grade 2: Seed Rescue Exploration
- STEM in Action, Grade 2: Shrinking Shore Exploration
- STEM in Action, Grade 2: Muddy Mats Exploration
- STEM in Action, Grades K–2: Coding Mouse Exploration

(D.ii) Features and simple graphics to locate or gain information.

Correlated Lessons (9D.ii):

- STEM in Action, Grade PreK: Pam and Ava's Mapping Adventure

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Correlated Lessons (9D.ii Continued):

- STEM in Action, Grade PreK: Ron's Habitat Adventure
- STEM in Action, Grade K: Little Footprint Exploration
- STEM in Action, Grade K: Sidewalk Safety Exploration
- STEM in Action, Grade K: Sunny Sandbox Exploration
- STEM in Action, Grade 1: Sound Bite Exploration
- STEM in Action, Grade 1: Wild Feet Exploration
- STEM in Action, Grade 2: Shrinking Shore Exploration
- STEM in Action, Grade 2: Muddy Mats Exploration

(10) Author's purpose and craft: listening, speaking, reading, writing, and thinking using multiple texts. The student uses critical inquiry to analyze the authors' choices and how they influence and communicate meaning within a variety of texts. The student analyzes and applies author's craft purposefully in order to develop his or her own products and performances. The student is expected to:

(A) Discuss the author's purpose for writing text.

Correlated Lessons (10A):

- STEM in Action, Grade 2: Muddy Mats Exploration

(B) Discuss how the use of text structure contributes to the author's purpose.

Correlated Lessons (10B):

- STEM in Action, Grade 2: Muddy Mats Exploration

(C) Discuss with adult assistance the author's use of print and graphic features to achieve specific purposes.

Correlated Lessons (10C):

- STEM in Action, Grade PreK: Pam and Ava's Mapping Adventure
- STEM in Action, Grade PreK: Ron's Habitat Adventure
- STEM in Action, Grade K: Little Footprint Exploration
- STEM in Action, Grade K: Sidewalk Safety Exploration
- STEM in Action, Grade K: Sunny Sandbox Exploration
- STEM in Action, Grade 1: Sound Bite Exploration
- STEM in Action, Grade 1: Wild Feet Exploration
- STEM in Action, Grade 2: Shrinking Shore Exploration
- STEM in Action, Grade 2: Muddy Mats Exploration

(E) Listen to and experience first- and third-person texts.

Correlated Lessons (10E):

- STEM in Action, Grade PreK: Pam and Ava's Mapping Adventure
- STEM in Action, Grade 1: Sound Bite Exploration
- STEM in Action, Grade 2: Shrinking Shore Exploration

(11) Composition: listening, speaking, reading, writing, and thinking using multiple texts--writing process. The student uses the writing process recursively to compose multiple texts that are legible and uses appropriate conventions. The student is expected to:

(A) Plan a first draft by generating ideas for writing such as by drawing and brainstorming.

Correlated Lessons (11A):

- STEM in Action, Grade PreK: Pam and Ava's Mapping Adventure
- STEM in Action, Grade K: Sunny Sandbox Exploration
- STEM in Action, Grade 1: Sound Bite Exploration

(B) Develop drafts in oral, pictorial, or written form by:

(B.ii) Developing an idea with specific and relevant details.

Correlated Lessons (11B.ii):

- STEM in Action, Grade 1: Sound Bite Exploration
- STEM in Action, Grade 2: Muddy Mats Exploration
- STEM in Action, Grade 2: Shrinking Shore Exploration

(D) Edit drafts using standard English conventions, including:

(D.i) Complete sentences with subject-verb agreement.

Correlated Lessons (11D.i):

- STEM in Action, Grade K: Sunny Sandbox Exploration
- STEM in Action, Grade 1: Sound Bite Exploration
- STEM in Action, Grade 2: Muddy Mats Exploration

(D.iii) Singular, plural, common, and proper nouns.

Correlated Lessons (11D.iii):

- STEM in Action, Grade K: Sunny Sandbox Exploration
- STEM in Action, Grade 2: Muddy Mats Exploration

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(D.iv) Adjectives, including articles.

Correlated Lessons (11D.iv):

- STEM in Action, Grade K: Sunny Sandbox Exploration
- STEM in Action, Grade 1: Sound Bite Exploration
- STEM in Action, Grade 2: Muddy Mats Exploration
- STEM in Action, Grade 2: Shrinking Shore Exploration

(D.v) Adverbs that convey time.

Correlated Lessons (11D.v):

- STEM in Action, Grade K: Sunny Sandbox Exploration
- STEM in Action, Grade 2: Muddy Mats Exploration

(D.vi) Prepositions.

Correlated Lessons (11D.vi):

- STEM in Action, Grade PreK: Pam and Ava's Mapping Adventure
- STEM in Action, Grade PreK: Ron's Habitat Adventure
- STEM in Action, Grade PreK: Ron's Ramp Adventure
- STEM in Action, Grade K: Sunny Sandbox Exploration
- STEM in Action, Grade 2: Muddy Mats Exploration

(D.vii) Pronouns, including subjective, objective, and possessive cases.

Correlated Lessons (11D.vii):

- STEM in Action, Grade K: Sunny Sandbox Exploration
- STEM in Action, Grade 2: Muddy Mats Exploration

(D.viii) Capitalization for the beginning of sentences and the pronoun "I".

Correlated Lessons (11D.viii):

- STEM in Action, Grade 2: Muddy Mats Exploration

(E) Publish and share writing.

Correlated Lessons (11E):

- STEM in Action, Grade PreK: Ron's Habitat Adventure
- STEM in Action, Grade K: Little Footprint Exploration
- STEM in Action, Grade K: Sidewalk Safety Exploration
- STEM in Action, Grade 1: Shadow Box Theater Exploration

(12) Composition: listening, speaking, reading, writing, and thinking using multiple texts--genres. The student uses genre characteristics and craft to compose multiple texts that are meaningful. The student is expected to:

(A) Dictate or compose literary texts, including personal narratives and poetry.

Correlated Lessons (12A):

- STEM in Action, Grade K: Sunny Sandbox Exploration
- STEM in Action, Grade 2: Muddy Mats Exploration

(B) Dictate or compose informational texts, including procedural texts.

Correlated Lessons (12B):

- STEM in Action, Grade K: Sunny Sandbox Exploration
- STEM in Action, Grade 1: Sound Bite Exploration
- STEM in Action, Grade 2: Shrinking Shore Exploration
- STEM in Action, Grade 2: Muddy Mats Exploration

(13) Inquiry and research: listening, speaking, reading, writing, and thinking using multiple texts. The student engages in both short-term and sustained recursive inquiry processes for a variety of purposes. The student is expected to:

(A) Generate questions for formal and informal inquiry with adult assistance.

Correlated Lessons (13A):

- STEM in Action, Grade PreK: Pam and Ava's Mapping Adventure
- STEM in Action, Grade PreK: Ron's Habitat Adventure
- STEM in Action, Grade PreK: Ron's Ramp Adventure
- STEM in Action, Grade 1: Sound Bite Exploration

(B) Develop and follow a research plan with adult assistance.

Correlated Lessons (13B):

- STEM in Action, Grade PreK: Pam and Ava's Mapping Adventure
- STEM in Action, Grade PreK: Ron's Habitat Adventure
- STEM in Action, Grade K: Sunny Sandbox Exploration
- STEM in Action, Grade 1: Sound Bite Exploration
- STEM in Action, Grade 2: Shrinking Shore Exploration

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Correlated Lessons (13B Continued):

- STEM in Action, Grade 2: Muddy Mats Exploration

(C) Identify and gather relevant sources and information to answer the questions with adult assistance.

Correlated Lessons (13C):

- STEM in Action, Grade PreK: Pam and Ava's Mapping Adventure
- STEM in Action, Grade PreK: Ron's Habitat Adventure
- STEM in Action, Grade PreK: Ron's Ramp Adventure
- STEM in Action, Grade 1: Sound Bite Exploration
- STEM in Action, Grade 2: Muddy Mats Exploration
- STEM in Action, Grade 2: Seed Rescue Exploration
- STEM in Action, Grade 2: Shrinking Shore Exploration

(D) Demonstrate understanding of information gathered with adult assistance.

Correlated Lessons (13D):

- STEM in Action, Grade PreK: Pam and Ava's Mapping Adventure
- STEM in Action, Grade PreK: Ron's Habitat Adventure
- STEM in Action, Grade PreK: Ron's Ramp Adventure
- STEM in Action, Grade K: Sunny Sandbox Exploration
- STEM in Action, Grade 1: Sound Bite Exploration
- STEM in Action, Grade 2: Seed Rescue Exploration
- STEM in Action, Grade 2: Muddy Mats Exploration
- STEM in Action, Grade 2: Shrinking Shore Exploration

(E) Use an appropriate mode of delivery, whether written, oral, or multimodal, to present results.

Correlated Lessons (13E):

- STEM in Action, Grade PreK: Pam and Ava's Mapping Adventure
- STEM in Action, Grade PreK: Ron's Habitat Adventure
- STEM in Action, Grade PreK: Ron's Ramp Adventure
- STEM in Action, Grade K: Sunny Sandbox Exploration
- STEM in Action, Grade 1: Sound Bite Exploration
- STEM in Action, Grade 2: Muddy Mats Exploration
- STEM in Action, Grade 2: Shrinking Shore Exploration
- STEM in Action, Grades 1-2: Helicopter Hang Time
- STEM in Action, Grades K-2: Coding Mouse Exploration