

A Correlation of



Grade 2, ©2020

To

**Ohio's New Learning Science Standards
Grade 2**

SAVVAS

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Introduction

This document demonstrates how **myView Literacy, ©2020** meets **Ohio’s New Learning Science Standards**. Correlation page references are to the Teacher’s Edition and are cited by grade, unit and page references.

myView Literacy is a K-5 comprehensive, interactive literacy program that provides a balanced approach to teaching reading, writing, speaking, listening and viewing using a collection authentic reading texts and collaborative writing workshops. Competencies of 21st century thinking and social-emotional learning are taught and practiced using authentic literature, highly-engaging trade books, collaborative learning, and project-based inquiry. The instructional model follows connected reading and writing workshops that focus on teaching the critical skills and strategies students need to be highly competent thinkers, readers, and writers ready for college and career. It is designed to teach students to think carefully about what they read, discern what is relevant to them, and what is important in their world. *myView Literacy* offers a balanced instructional model with an emphasis on conceptual understandings, standards-based instruction and application through rigorous performance tasks and the workshop model.

Inspire Confidence and Collaboration

- Create opportunities for student success. Provide a supportive and nurturing environment that empowers students to become independent learners.

Focus on Balance and Flexibility

- Develop predictable routines for teaching and learning. Minilessons, small groups, and collaboration lead to a gradual release of responsibility.

Nurture Every Learner

- Spend more time coaching, differentiating, and promoting positive attitudes toward reading and writing.

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ESS Earth and Space Science	
The Atmosphere	
This topic focuses on air and water as they relate to weather and weather changes that can be observed and measured.	
2.ESS.1 The atmosphere is primarily made up of air.	
2.ESS.1.a Air has properties that can be observed and measured. The transfer of energy in the atmosphere causes air movement, which is felt as wind. Wind speed and direction can be measured.	<p>Unit 2: <u>Selections</u> Infographic: “Circle of Seasons” T170–T171 Read Aloud: “Season to Season” T180–T181 Read: <i>Amazing Migrations: Butterflies, Bats, and Birds</i> T354–T367</p> <p><u>Leveled Readers</u> The Monarch Butterfly (Expository Text)</p> <p>Unit 5: <u>Selections</u> Infographic: “Lightning!” T178–T179 Read Aloud: “Preparing for the Storm” T188–T189 Read: <i>Where Do They Go in Rain or Snow?</i> T198–T213</p> <p><u>Leveled Readers</u> At the Weather Station (Realistic Fiction)</p> <p><u>Activities and Supplemental Material</u> Cross-Curricular Perspectives: Science, U5: T134 (Tsunamis) Cross-Curricular Perspectives: Science, U5: T213 (Tilt of Earth and Seasons)</p>
2.ESS.2 Water is present in the atmosphere.	
2.ESS.2.a Water is present in the atmosphere as water vapor. When water vapor in the atmosphere cools, it forms clouds, fog, rain, ice, snow, sleet or hail. Note: The emphasis at this grade level is investigating condensation and evaporation, not memorizing the water cycle itself. Note: The emphasis is not in naming cloud types, but in relating the characteristics of the clouds with weather.	<p>Unit 1: <u>Leveled Readers</u> Continents and Oceans (Informational Text) Notes from Antarctica (Expository Text)</p> <p>Unit 2: <u>Selections</u> Read: <i>A Green Kid’s Guide to Watering Plants</i> T40–T57 Infographic: “Circle of Seasons” T170–T171 Read Aloud: “Season to Season” T180–T181</p> <p><u>Leveled Readers</u> Earth’s Waters (Expository Text) Water’s Journey (Expository Text)</p> <p><u>Activities and Supplemental Material</u> Cross-Curricular Perspectives: Science, U2: T191,</p>

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	<p>T207 (Sun Rotation and Seasons) Cross-Curricular Perspectives: Science, U2: T364 (Arctic Region)</p> <p>Unit 5: <u>Selections</u> Infographic: "Lightning!" T178–T179 Read Aloud: "Preparing for the Storm" T188–T189 Read: <i>Where Do They Go in Rain or Snow?</i> T198–T213</p> <p><u>Leveled Readers</u> At the Weather Station (Realistic Fiction) Guroop and the Ocean Tides (Realistic Fiction)</p> <p><u>Activities and Supplemental Material</u> Cross-Curricular Perspectives: Science, U5: T134 (Tsunamis) Cross-Curricular Perspectives: Science, U5: T213 (Tilt of Earth and Seasons) Cross-Curricular Perspectives: Science, U2: T54 (Plant Growth and Water Cycle)</p>
2.ESS.3 Long- and short-term weather changes occur due to changes in energy.	
2.ESS.3.a Changes in energy affect all aspects of weather, including temperature, precipitation, and wind.	<p>Unit 1: <u>Leveled Readers</u> Adventure on Mount Everest (Realistic Fiction) Notes from Antarctica (Expository Text)</p> <p>Unit 2: <u>Selections</u> Infographic: "Circle of Seasons" T170–T171 Read Aloud: "Season to Season" T180–T181 Read: <i>The Seasons of Arnold's Apple Tree</i> T190–T211 Read Aloud: "When Animals Do Not Migrate" T344–T345 Read: <i>Amazing Migrations: Butterflies, Bats, and Birds</i> T354–T367</p> <p><u>Leveled Readers</u> Time to Hibernate (Animal Fantasy) Polar Animals (Expository Text) Plants of the Sonoran Desert (Expository Text) Earth’s Waters (Expository Text)</p>
(Continued)	<p>(Continued)</p> <p><u>Activities and Supplemental Material</u> Cross-Curricular Perspectives: Science, U2: T191, T207 (Sun Rotation and Seasons)</p>

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	<p>Cross-Curricular Perspectives: Science, U2: T364 (Arctic Region)</p> <p>Unit 5: <u>Selections</u> Read: <i>How Water Shapes the Earth and How Earthquakes Shape the Earth</i> T118–T127, T130–T137 Infographic: "Lightning!" T178–T179 Read Aloud: "Preparing for the Storm" T188–T189 Read: <i>Where Do They Go in Rain or Snow?</i> T198–T213</p> <p><u>Leveled Readers</u> Glaciers (Informational Text) Guroop and the Ocean Tides (Realistic Fiction) At the Weather Station (Realistic Fiction) Our Changing Earth (Informational Text) The Rising Seas (Informational Text) The Buried Beach (Realistic Fiction)</p> <p><u>Activities and Supplemental Material</u> Cross-Curricular Perspectives: Science, U5: T126 (Glaciers) Cross-Curricular Perspectives: Science, U5: T134 (Tsunamis) Cross-Curricular Perspectives: Science, U5: T210 (Lake Ecosystem in Winter) Cross-Curricular Perspectives: Science, U5: T213 (Tilt of Earth and Seasons)</p>
LS Life Science	
Interactions within Habitats	
This topic focuses on how ecosystems work by observations of simple interactions between the biotic/living and abiotic/nonliving parts of an ecosystem. Just as living things impact the environment in which they live, the environment impacts living things.	
2.LS.1 Living things cause changes on Earth.	

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<p>2.LS.1.a Living things function and interact with their physical environments. Living things cause changes in the environments where they live; the changes can be very noticeable or slightly noticeable, fast or slow. Note: At this grade level, discussion is limited to changes that can be easily observed.</p>	<p>Unit 1: <u>Selections</u> Infographic: “We Make Our Neighborhood Better” T96–T97 (Community Garden) Read Aloud: “Troy’s Project” T106–T107 (Picking Up Trash) Read Aloud: “Helping the Community” T182–T183 (Picking Up Trash) Unit 2: <u>Selections</u> Read: <i>A Green Kid’s Guide to Watering Plants</i> T40–T57 Read Aloud: <i>The Art of Gardens</i> T108–T109 Read: <i>A Home on the Prairie</i> T118–T129 Read: <i>The Seasons of Arnold’s Apple Tree</i> T190–T211 <u>Leveled Readers</u> We Make Patterns (Expository Text) <u>Activities and Supplemental Material</u> Cross-Curricular Perspectives: Science, U2: T40 (Compost) Cross-Curricular Perspectives: Science, U2: T122 (Burrowing Owls) Cross-Curricular Perspectives: Science, U2: T124 (Prairie Dogs and Burrowing) Cross-Curricular Perspectives: Science, U2: T126 (Food Chain) Cross-Curricular Perspectives: Science, U2: T192 (Honey Bees) Unit 4: <u>Selections</u> Read: <i>The Garden of Happiness</i> T200–T221</p>
<p>2.LS.2 All organisms alive today result from their ancestors, some of which may be extinct. Not all kinds of organisms that lived in the past are represented by living organisms today.</p>	
<p>2.LS.2.a Some kinds of organisms become extinct when their basic needs are no longer met or the environment changes.</p>	<p>For supporting content please see: Unit 2: <u>Selections</u> Infographic: “Animals and Their Young” T252–T253</p>

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	<p>Read: <i>What's in the Egg, Little Pip?</i> T272–T293 Infographic: “Animals on the Move” T334–T335 Read Aloud: “When Animals Do Not Migrate” T344–T345 Read: <i>Amazing Migrations: Butterflies, Bats, and Birds</i> T354-T367 Leveled Readers Time to Hibernate (Animal Fantasy) The Monarch Butterfly (Expository Text) Polar Animals (Expository Text) Amazing Migrations (Expository Text) Activities and Supplemental Material Cross-Curricular Perspectives: Science, U2: T120 (Bison and Grasslands) Cross-Curricular Perspectives: Science, U2: T122 (Burrowing Owls) Cross-Curricular Perspectives: Science, U2: T124 (Prairie Dogs and Burrowing) Cross-Curricular Perspectives: Science, U2: T126 (Food Chain) Cross-Curricular Perspectives: Science, U2: T192 (Honey Bees) Cross-Curricular Perspectives: Science, U2: T273, T279, T288 (Animal Life Cycle and Penguins) Cross-Curricular Perspectives: Science, U2: T285 (Emperor Penguins and Eggs) Cross-Curricular Perspectives: Science, U2: T360 (Migrating Mammals)</p>
PS Physical Science	
Changes in Motion	
This topic focuses on observing the relationship between forces and motion.	
2.PS.1 Forces change the motion of an object.	
2.PS.1.a Motion can increase, change direction or stop depending on the force applied.	For supporting content please see: Unit 2: Selections Infographic: “Animals on the Move” T334–T335 Read Aloud: “When Animals Do Not Migrate”

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	<p>T344–T345 Read: <i>Amazing Migrations: Butterflies, Bats, and Birds</i> T354–T367</p> <p><u>Leveled Readers</u> Amazing Migrations (Expository Text) <u>Activities and Supplemental Material</u> Cross-Curricular Perspectives: Science, U2: T360 (Migrating Mammals)</p> <p>Unit 3: <u>Leveled Readers</u> Dancing Around (Informational Text) Game On! (Informational Text)</p> <p>Unit 5: <u>Selections</u> Read Aloud: “Volcanoes” and “Shifting Plates” T108–T109 Read: <i>How Water Shapes the Earth and How Earthquakes Shape the Earth</i> T118–T127, T130–T137 Infographic: “Earth Erupts” T254–255</p> <p><u>Leveled Readers</u> Objects in Space (Informational Text) Magnificent Magnets (Informational Text)</p>
<p>2.PS.1.b The change in motion of an object is related to the size of the force.</p>	<p>For supporting content please see:</p> <p>Unit 3: <u>Leveled Readers</u> Dancing Around (Informational Text) Game On! (Informational Text)</p> <p>Unit 5: <u>Selections</u> Read Aloud: “Volcanoes” and “Shifting Plates” T108–T109 Read: <i>How Water Shapes the Earth and How</i></p>

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	<p><i>Earthquakes Shape the Earth</i> T118–T127, T130–T137</p> <p>Infographic: "Earth Erupts" T254–255</p> <p><u>Leveled Readers</u></p> <p>Objects in Space (Informational Text)</p> <p>Magnificent Magnets (Informational Text)</p>
<p>2.PS.1.c Some forces act without touching, such as using a magnet to move an object or objects falling to the ground.</p>	<p>For supporting content please see:</p> <p>Unit 2:</p> <p><u>Leveled Readers</u></p> <p>Earth’s Waters (Expository Text)</p> <p>Water’s Journey (Expository Text)</p> <p><u>Activities and Supplemental Material</u></p> <p>Cross-Curricular Perspectives: Science, U2: T191, T207 (Sun Rotation and Seasons)</p> <p>Unit 5:</p> <p><u>Selections</u></p> <p>Infographic: "Earth Erupts" T254–255</p> <p><u>Leveled Readers</u></p> <p>Objects in Space (Informational Text)</p> <p>Magnificent Magnets (Informational Text)</p>