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A Correlation of

Elevate Science
Grade 1, ©2019

To the

Oklahoma
2020 Academic Standards for Science
Grade 1

Prepared by Savvas Learning Company, formerly Pearson K12 Learning

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Introduction

The following document demonstrates how the ***Elevate Science, ©2019*** program supports Oklahoma 2020 Academic Standards for Science. Correlation references include the Student Edition, Teacher Edition, and online Realize™ digital resources.

Elevate Science is a comprehensive K-5 science program that focuses on active, student-centered learning. It builds students' critical thinking, questioning, and collaboration skills, and fuels interest in STEM and creative problem solving while supporting literacy development for elementary-age learners. Developed to support Next Generation Science Standards (NGSS), ***Elevate Science*** integrates three-dimensional learning of the Scientific and Engineering Practices, Crosscutting Concepts (CCC), and Disciplinary Core Ideas (DCIs).

The ***Elevate Science*** blended **print** and **digital** curriculum engages students in phenomena-based inquiry and hands-on investigations.

- Problem–based learning Quests put students on a journey of discovery
- Engineering-focused features infuse STEM learning
- Coding and innovation engage students and build 21st century skills

The Teacher's Edition of ***Elevate Science*** helps elementary educators teach science with confidence: Scaffolding, ELD, differentiated instruction, and an instructional organization based upon the 5E learning model, (Engage, Explore, Explain, Extend/Elaborate, Evaluate), provide all the support needed for successful teaching practices. Professional development offers point-of-use support. A full-view approach to inquiry and testing provides new options for a variety of hands-on labs and assessments for three-dimensional learning.

Elevate Science prepares students for the challenges of tomorrow, building strong reasoning skills and critical thinking strategies as they engage in explorations, formulate claims, and gather and analyze data that promote evidence-based argument. Designed for today's classroom, preparing students for tomorrow's world. ***Elevate Science*** promises to:

- Elevate thinking.
- Elevate learning.
- Elevate teaching.

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Science and Engineering Practices	
1.ESS1.2.SEP.1 Planning and Carrying Out Investigations: Make observations (firsthand or from media) to collect data that can be used to make comparisons.	**SE/TE:** uInvestigate Lab: Why is it hard to see stars during the day:, 81 uInvestigate Lab: How can you observe sun patterns?, 87 Quest Check-In Lab: How can you model motions of the earth? 98-99 Quest Check-In Lab: How does the season affect the amount of daylight?, 132-133 **Realize™ Digital Resources:** **Sky and Earth** >Lesson 3, Daylight Changes and Seasons>Video: Daylight Changes and Seasons
Crosscutting Concepts	
1.ESS1.2.CCC.1 Patterns: Patterns in the natural world can be observed, used to describe phenomena, and used as evidence.	**SE/TE:** uInvestigate Lab: How can you observe sun patterns?, 87 Quest Check-In: Moon Patterns, 92 STEM Math Connection: Use a Calendar, 93 Quest Check-In, 96 Quest Check-In Lab: How can you model motions of the earth? 98-99 **TE Only:** Math Toolbox: Patterns, 90 **Realize™ Digital Resources:** **Sky and Earth** >Lesson 3, Daylight Changes and Seasons>Video: Daylight Changes and Seasons

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To the
Oklahoma 2020 Academic Standards for Science, Grade 1

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Earth and Human Activity (ESS3)	
Performance Expectation	
1.ESS3.1 Communicate solutions that will reduce the impact of humans on the land, water, air, and/or other living things in the local environment.	**Realize™ Digital Course:** Oklahoma Science Activity: People Change the Environment and People Can Protect the Environment, 1-3, 4-8
Disciplinary Core Ideas	
1.ESS3.1.DCI.1 Things that people do to live comfortably can affect the world around them. But, they can make choices that reduce their impacts on the land, water, air, and other living things.	**Realize™ Digital Course:** Oklahoma Science Activity: People Change the Environment and People Can Protect the Environment, 3, 4, 6, 7
1.ESS3.1.DCI.2 Designs can be conveyed through sketches, drawings, or physical models. These representations are useful in communicating ideas for a problem's solutions to other people.	**Realize™ Digital Course:** Oklahoma Science Activity: People Change the Environment and People Can Protect the Environment, 3, 4, 6, 7
Science and Engineering Practices	
1.ESS3.1.SEP.1 Obtaining, Evaluating and Communicating Information: Communicate solutions with others in oral and/or written forms using models and/or drawings that provide detail about scientific ideas.	**Realize™ Digital Course:** Oklahoma Science Activity: People Change the Environment and People Can Protect the Environment, 3, 4, 6, 7 **TE Only:** 3, 7
Crosscutting Concepts	
1.ESS3.1.CCC.1 Cause and Effect: Events have causes that generate observable patterns.	**Realize™ Digital Course:** Oklahoma Science Activity: People Change the Environment and People Can Protect the Environment, 3, 6 **TE Only:** 3, 6