2016-2017 STATE OF FLORIDA INSTRUCTIONAL MATERIALS ADOPTION
STANDARDS ALIGNMENT
COURSE STANDARDS/BENCHMARKS (Form IM7)

SUBMISSION TITLE:	**Science - Middle School - Comprehensive Science 2 - Florida (2017)**
GRADE LEVEL:	MS
PUBLISHER:	Discovery Education

BENCHMARK CODE	BENCHMARK	LESSONS WHERE STANDARD/BENCHMARK IS DIRECTLY ADDRESSED IN MAJOR TOOL (MOST IN-DEPTH COVERAGE LISTED FIRST)	
MAFS.K12.MP.1.1	Make sense of problems and persevere in solving them.	Anthropogenic Changes Comprehensive Science 2 - Florida (2017) > Life Science > Interdependence of Organisms > Anthropogenic Changes > Elaborate with STEM > STEM Project Starters page 2 > Project: Engineering Change	https://app.discoveryeducation.com/learn/techbook/units/850f536d-1c04-4ac7-9d23-2969c95230e7/concepts/2222bd85-5dcd-4108-8177-9e43bba7f7c3/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/c693066c-a1a3-47a8-85e1-5a54f9f5b883
MAFS.K12.MP.1.1	Make sense of problems and persevere in solving them.	Why Earthquakes Occur Comprehensive Science 2 - Florida (2017) > Earth & Space Science > Earthquakes and Volcanoes > Why Earthquakes Occur> Elaborate with STEM > STEM Project Starters page 2 > Project: San Andreas Earthquakes	https://app.discoveryeducation.com/learn/techbook/units/644e13a2-8cff-446b-98e7-a1897c8114a6/concepts/ddd485ac-c5e7-4e69-a6cd-410f717f5704/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/5fad83bc-a58a-433e-9118-6994a6ba39bb
MAFS.K12.MP.2.1	Reason abstractly and quantitatively.	Formation of the Earth Comprehensive Science 2 - Florida (2017) > Earth & Space Science > Earth's Interior > Formation of the Earth > Elaborate with STEM > STEM Project Starters page 2 > Project: Carbon-14 Dating	https://app.discoveryeducation.com/learn/techbook/units/0c2d5e2f-483f-4483-b9a0-e5eb55032de3/concepts/35c8a7c8-0dcc-43be-b4f3-cb69be882f37/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/7aaa0fbf-5991-446b-93dd-3b59b6b38f15
MAFS.K12.MP.2.1	Reason abstractly and quantitatively.	Why Earthquakes Occur Comprehensive Science 2 - Florida (2017) > Earth & Space Science > Earthquakes and Volcanoes > Why Earthquakes Occur> Elaborate with STEM > STEM in Action: Careers: Seismologists	https://app.discoveryeducation.com/learn/techbook/units/644e13a2-8cff-446b-98e7-a1897c8114a6/concepts/ddd485ac-c5e7-4e69-a6cd-410f717f5704/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/99378e8c-b685-46b9-8f61-0c8e3cf6de11
MAFS.K12.MP.2.1	Reason abstractly and quantitatively.	Why Earthquakes Occur Comprehensive Science 2 - Florida (2017) > Earth & Space Science > Earthquakes and Volcanoes > Why Earthquakes Occur> Elaborate with STEM > STEM Project Starters page 2 > Project: San Andreas Earthquakes	https://app.discoveryeducation.com/learn/techbook/units/644e13a2-8cff-446b-98e7-a1897c8114a6/concepts/ddd485ac-c5e7-4e69-a6cd-410f717f5704/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/5fad83bc-a58a-433e-9118-6994a6ba39bb
MAFS.K12.MP.3.1	Construct viable arguments and critique the reasoning of others.	Formation of the Earth Comprehensive Science 2 - Florida (2017) > Earth & Space Science > Earth's Interior > Formation of the Earth > Elaborate with STEM > STEM in Action: Identifying What Is Beneath	https://app.discoveryeducation.com/learn/techbook/units/0c2d5e2f-483f-4483-b9a0-e5eb55032de3/concepts/35c8a7c8-0dcc-43be-b4f3-cb69be882f37/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/7c50d848-0cfc-4fba-b57c-5475664e7d80

2016-2017 STATE OF FLORIDA INSTRUCTIONAL MATERIALS ADOPTION
STANDARDS ALIGNMENT
COURSE STANDARDS/BENCHMARKS (Form IM7)

BENCHMARK CODE	BENCHMARK	LESSONS WHERE STANDARD/BENCHMARK IS DIRECTLY ADDRESSED IN MAJOR TOOL (MOST IN-DEPTH COVERAGE LISTED FIRST)	
MAFS.K12.MP.4.1	Model with mathematics.	Anthropogenic Changes Comprehensive Science 2 - Florida (2017) > Life Science > Interdependence of Organisms > Anthropogenic Changes > Elaborate with STEM > STEM Project Starters page 2 > Project: Engineering Change	https://app.discoveryeducation.com/learn/techbook/units/850f536d-1c04-4ac7-9d23-2969c95230e7/concepts/2222bd85-5dcd-4108-8177-9e43bba7f7c3/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/c693066c-a1a3-47a8-85e1-5a54f9f5b883
MAFS.K12.MP.4.1	Model with mathematics.	Rock Cycle Comprehensive Science 2 - Florida (2017) > Earth & Space Science > Earth's Interior > Rock Cycle > Elaborate with STEM > STEM Project Starters page 3 > Project: Classifying Minerals	https://app.discoveryeducation.com/learn/techbook/units/0c2d5e2f-483f-4483-b9a0-e5eb55032de3/concepts/e8c6a9cc-e3db-47a3-8670-b01b4741fe57/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/c378fd03-7e71-43d5-b622-265dc3c902f1
MAFS.K12.MP.5.1	Use appropriate tools strategically.	Populations Comprehensive Science 2 - Florida (2017) > Life Science > Interdependence of Organisms > Populations > Explore > Explore More Resources > Hands-On Lab: Surveying and Comparing Populations	https://app.discoveryeducation.com/player/view/assetGuid/bca6fa6d-c158-4f0a-ab67-fd084b6645a3
MAFS.K12.MP.5.1	Use appropriate tools strategically.	Color and the Electromagnetic Spectrum Comprehensive Science 2 - Florida (2017) - Florida (2017) > Light Energy > Color and the Electromagnetic Spectrum > Explore > Core Interactive Text page 2 > Hands-On Lab: Rainbows Required	https://app.discoveryeducation.com/player/view/assetGuid/3ec1b338-b322-4c24-b119-dacc15637495
MAFS.K12.MP.6.1	Attend to precision.	Development of Plate Tectonic Theory Comprehensive Science 2 - Florida (2017) > Earth & Space Science > Plate Tectonic Theory > Development of Plate Tectonic Theory > Elaborate with STEM > STEM Project Starters page 2 > Project: Real-Life Effects of Continental Drift	https://app.discoveryeducation.com/learn/techbook/units/59143d67-a5c9-4cec-8658-2a3743a067b2/concepts/a7be125a-e2b4-476d-b4ad-f0656c375c0d/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/a454cf6e-c3bd-4893-b249-2bd829f055f8
MAFS.K12.MP.6.1	Attend to precision.	Formation of the Earth Comprehensive Science 2 - Florida (2017) > Earth & Space Science > Earth's Interior > Formation of the Earth > Elaborate with STEM > STEM Project Starters page 2 > Project: Carbon-14 Dating	https://app.discoveryeducation.com/learn/techbook/units/0c2d5e2f-483f-4483-b9a0-e5eb55032de3/concepts/35c8a7c8-0dcc-43be-b4f3-cb69be882f37/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/7aaa0fbf-5991-446b-93dd-3b59b6b38f15
MAFS.K12.MP.7.1	Look for and make use of structure.	Physical Properties of Earth's Layers Comprehensive Science 2 - Florida (2017) > Earth & Space Science > Earth's Interior > Physical Properties of Earth's Layers> Elaborate with STEM > STEM Project Starters page 2 > Project: Build a Model of Earth's Layers	https://app.discoveryeducation.com/learn/techbook/units/0c2d5e2f-483f-4483-b9a0-e5eb55032de3/concepts/073a551d-2b27-43da-be79-79575c8ef8a3/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/0a749c19-2fa0-4e1d-8a4a-b60dd7366933

2016-2017 STATE OF FLORIDA INSTRUCTIONAL MATERIALS ADOPTION
STANDARDS ALIGNMENT
COURSE STANDARDS/BENCHMARKS (Form IM7)

BENCHMARK CODE	BENCHMARK	LESSONS WHERE STANDARD/BENCHMARK IS DIRECTLY ADDRESSED IN MAJOR TOOL (MOST IN-DEPTH COVERAGE LISTED FIRST)	
MAFS.K12.MP.7.1	Look for and make use of structure.	Why Earthquakes Occur Comprehensive Science 2 - Florida (2017) > Earth & Space Science > Earthquakes and Volcanoes > Why Earthquakes Occur> Elaborate with STEM > STEM Project Starters page 1 > Project: A Faulty Landscape	https://app.discoveryeducation.com/learn/techbook/units/644e13a2-8cff-446b-98e7-a1897c8114a6/concepts/ddd485ac-c5e7-4e69-a6cd-410f717f5704/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/45f0d276-b8cd-4435-8283-395821a4449e
MAFS.K12.MP.7.1	Look for and make use of structure.	Why Earthquakes Occur Comprehensive Science 2 - Florida (2017) > Earth & Space Science > Earthquakes and Volcanoes > Why Earthquakes Occur> Elaborate with STEM > STEM Project Starters page 3 > Project: Engineering an Earthquake-Resistant Bridge	https://app.discoveryeducation.com/learn/techbook/units/644e13a2-8cff-446b-98e7-a1897c8114a6/concepts/ddd485ac-c5e7-4e69-a6cd-410f717f5704/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/dfd606ad-9842-4a5f-b51a-4a54044d7327
MAFS.K12.MP.8.1	Look for and express regularity in repeated reasoning.	Rock Cycle Comprehensive Science 2 - Florida (2017) > Earth & Space Science > Earth's Interior > Rock Cycle > Elaborate with STEM > STEM Project Starters page 3 > Project: Classifying Minerals	https://app.discoveryeducation.com/learn/techbook/units/0c2d5e2f-483f-4483-b9a0-e5eb55032de3/concepts/e8c6a9cc-e3db-47a3-8670-b01b4741fe57/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/c378fd03-7e71-43d5-b622-265dc3c902f1
MAFS.K12.MP.8.1	Look for and express regularity in repeated reasoning.	Why Earthquakes Occur Comprehensive Science 2 - Florida (2017) > Earth & Space Science > Earthquakes and Volcanoes > Why Earthquakes Occur> Elaborate with STEM > STEM Project Starters page 2 > Project: San Andreas Earthquakes	https://app.discoveryeducation.com/learn/techbook/units/644e13a2-8cff-446b-98e7-a1897c8114a6/concepts/ddd485ac-c5e7-4e69-a6cd-410f717f5704/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/5fad83bc-a58a-433e-9118-6994a6ba39bb
SC.7.E.6.1	Describe the layers of the solid Earth, including the lithosphere, the hot convecting mantle, and the dense metallic liquid and solid cores.	Physical Properties of Earth's Layers Comprehensive Science 2 - Florida (2017) > Earth & Space Science > Earth's Interior > Physical Properties of Earth's Layers> Elaborate with STEM > STEM Project Starters page 2 > Project: Build a Model of Earth's Layers	https://app.discoveryeducation.com/learn/techbook/units/0c2d5e2f-483f-4483-b9a0-e5eb55032de3/concepts/073a551d-2b27-43da-be79-79575c8ef8a3/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/0a749c19-2fa0-4e1d-8a4a-b60dd7366933
SC.7.E.6.1	Describe the layers of the solid Earth, including the lithosphere, the hot convecting mantle, and the dense metallic liquid and solid cores.	Physical Properties of Earth's Layers Comprehensive Science 2 - Florida (2017) > Earth & Space Science > Earth's Interior > Physical Properties of Earth's Layers> Explore > Explore More Resources > Exploration: Structure of the Earth	https://app.discoveryeducation.com/player/view/assetGuid/402b2e70-d815-4f00-ab5d-dcf306da35f8
SC.7.E.6.1	Describe the layers of the solid Earth, including the lithosphere, the hot convecting mantle, and the dense metallic liquid and solid cores.	Physical Properties of Earth's Layers Comprehensive Science 2 - Florida (2017) > Earth & Space Science > Earth's Interior > Physical Properties of Earth's Layers> Explore > Explore More Resources > Hands-On Activity: Layered Earth	https://app.discoveryeducation.com/player/view/assetGuid/7496aaf7-aef2-44a0-b71f-25ed7b54d340

2016-2017 STATE OF FLORIDA INSTRUCTIONAL MATERIALS ADOPTION
STANDARDS ALIGNMENT
COURSE STANDARDS/BENCHMARKS (Form IM7)

BENCHMARK CODE	BENCHMARK	LESSONS WHERE STANDARD/BENCHMARK IS DIRECTLY ADDRESSED IN MAJOR TOOL (MOST IN-DEPTH COVERAGE LISTED FIRST)	
SC.7.E.6.2	Identify the patterns within the rock cycle and relate them to surface events (weathering and erosion) and sub-surface events (plate tectonics and mountain building).	Plate Tectonics Comprehensive Science 2 - Florida (2017) > Earth & Space Science > Plate Tectonic Theory > Plate Tectonics > Explore > Core Interactive Text page 4	https://app.discoveryeducation.com/learn/techbook/units/59143d67-a5c9-4cec-8658-2a3743a067b2/concepts/7e432897-4033-4719-a6d8-06d9124eab33/tabs/759da9a7-2edf-4cde-9515-7081ca990764/pages/c911ec45-3cf0-4c4c-9826-47e5aee2d1c9
SC.7.E.6.2	Identify the patterns within the rock cycle and relate them to surface events (weathering and erosion) and sub-surface events (plate tectonics and mountain building).	Rock Cycle Comprehensive Science 2 - Florida (2017) > Earth & Space Science > Earth's Interior > Rock Cycle > Explore > Core Interactive Text page 2 > Exploration: Gneiss Work	https://app.discoveryeducation.com/player/view/assetGuid/8b40f65a-4423-4167-8434-e135d33f0af8
SC.7.E.6.2	Identify the patterns within the rock cycle and relate them to surface events (weathering and erosion) and sub-surface events (plate tectonics and mountain building).	Rock Cycle Comprehensive Science 2 - Florida (2017) > Earth & Space Science > Earth's Interior > Rock Cycle > Explore > Core Interactive Text page 3 > Hands-On Activity: One Candle, Three Rocks	https://app.discoveryeducation.com/player/view/assetGuid/5a07b2d8-d109-4370-b6ba-8e0342baec28
SC.7.E.6.3	Identify current methods for measuring the age of Earth and its parts, including the law of superposition and radioactive dating.	Formation of the Earth Comprehensive Science 2 - Florida (2017) > Earth & Space Science > Earth's Interior > Formation of the Earth > Elaborate with STEM > STEM Project Starters page 2 > Project: Carbon-14 Dating	https://app.discoveryeducation.com/learn/techbook/units/0c2d5e2f-483f-4483-b9a0-e5eb55032de3/concepts/35c8a7c8-0dcc-43be-b4f3-cb69be882f37/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/7aaa0fbf-5991-446b-93dd-3b59b6b38f15
SC.7.E.6.3	Identify current methods for measuring the age of Earth and its parts, including the law of superposition and radioactive dating.	Formation of the Earth Comprehensive Science 2 - Florida (2017) > Earth & Space Science > Earth's Interior > Formation of the Earth > Explore > Core Interactive Text page 1	https://app.discoveryeducation.com/learn/techbook/units/0c2d5e2f-483f-4483-b9a0-e5eb55032de3/concepts/35c8a7c8-0dcc-43be-b4f3-cb69be882f37/tabs/759da9a7-2edf-4cde-9515-7081ca990764
SC.7.E.6.4	Explain and give examples of how physical evidence supports scientific theories that Earth has evolved over geologic time due to natural processes.	Formation of the Earth Comprehensive Science 2 - Florida (2017) > Earth & Space Science > Earth's Interior > Formation of the Earth > Explore > Explore More Resources > Hands-On Activity: Making a Geologic History Puzzle	https://app.discoveryeducation.com/player/view/assetGuid/214f5eba-bf75-45a4-a64f-d5a3606ef232
SC.7.E.6.4	Explain and give examples of how physical evidence supports scientific theories that Earth has evolved over geologic time due to natural processes.	Formation of the Earth Comprehensive Science 2 - Florida (2017) > Earth & Space Science > Earth's Interior > Formation of the Earth > Explore > Explore More Resources > Reading Passage: Earth: Inside & Out	https://app.discoveryeducation.com/player/view/assetGuid/9f1716f1-9144-42f2-b577-8ed783f64766
SC.7.E.6.5	Explore the scientific theory of plate tectonics by describing how the movement of Earth's crustal plates causes both slow and rapid changes in Earth's surface, including volcanic eruptions, earthquakes, and mountain building.	Development of Plate Tectonic Theory Comprehensive Science 2 - Florida (2017) > Earth & Space Science > Plate Tectonic Theory > Development of Plate Tectonic Theory > Explore > Explore More Resources > Exploration: Prove They Move	https://app.discoveryeducation.com/player/view/assetGuid/444248e0-0d73-4fe2-9747-9d5d64ce9453

2016-2017 STATE OF FLORIDA INSTRUCTIONAL MATERIALS ADOPTION
STANDARDS ALIGNMENT
COURSE STANDARDS/BENCHMARKS (Form IM7)

BENCHMARK CODE	BENCHMARK	LESSONS WHERE STANDARD/BENCHMARK IS DIRECTLY ADDRESSED IN MAJOR TOOL (MOST IN-DEPTH COVERAGE LISTED FIRST)	
SC.7.E.6.5	Explore the scientific theory of plate tectonics by describing how the movement of Earth's crustal plates causes both slow and rapid changes in Earth's surface, including volcanic eruptions, earthquakes, and mountain building.	Plate Tectonics Comprehensive Science 2 - Florida (2017) > Earth & Space Science > Plate Tectonic Theory > Plate Tectonics > Elaborate with STEM > STEM Project Starters page 3 > Project: Tectonic Activity in My State	https://app.discoveryeducation.com/learn/techbook/units/59143d67-a5c9-4cec-8658-2a3743a067b2/concepts/7e432897-4033-4719-a6d8-06d9124eab33/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/a1e025ee-3ebe-46c4-9ba3-b29bbefd9742
SC.7.E.6.6	Identify the impact that humans have had on Earth, such as deforestation, urbanization, desertification, erosion, air and water quality, changing the flow of water.	Anthropogenic Changes Comprehensive Science 2 - Florida (2017) > Life Science > Interdependence of Organisms > Anthropogenic Changes > Explore > Explore More Resources > Hands-On Activity: Effects of Pollution on the Water Supply	https://app.discoveryeducation.com/player/view/assetGuid/4a3c572d-122c-45aa-80e6-ce6406dcbd6a
SC.7.E.6.7	Recognize that heat flow and movement of material within Earth causes earthquakes and volcanic eruptions, and creates mountains and ocean basins.	Why Earthquakes Occur Comprehensive Science 2 - Florida (2017) > Earth & Space Science > Earthquakes and Volcanoes > Why Earthquakes Occur> Explore > Explore More Resources > Exploration: How It Shakes Out	https://app.discoveryeducation.com/player/view/assetGuid/15a68f2f-bf1c-41e9-9224-f69f757c4b02
SC.7.E.6.7	Recognize that heat flow and movement of material within Earth causes earthquakes and volcanic eruptions, and creates mountains and ocean basins.	Why Earthquakes Occur Comprehensive Science 2 - Florida (2017) > Earth & Space Science > Earthquakes and Volcanoes > Why Earthquakes Occur> Explore > Explore More Resources > Integrated Science Simulation: Tectonic Forces	https://app.discoveryeducation.com/player/view/assetGuid/20dfc48a-f4e4-48d2-a13f-c34d665befd5
SC.7.N.1.1	Define a problem from the seventh grade curriculum, use appropriate reference materials to support scientific understanding, plan and carry out scientific investigation of various types, such as systematic observations or experiments, identify variables, collect and organize data, interpret data in charts, tables, and graphics, analyze information, make predictions, and defend conclusions.	Why Earthquakes Occur Comprehensive Science 2 - Florida (2017) > Earth & Space Science > Earthquakes and Volcanoes > Why Earthquakes Occur> Elaborate with STEM > STEM Project Starters page 3 > Project: Engineering an Earthquake-Resistant Bridge	https://app.discoveryeducation.com/learn/techbook/units/644e13a2-8cff-446b-98e7-a1897c8114a6/concepts/ddd485ac-c5e7-4e69-a6cd-410f717f5704/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/dfd606ad-9842-4a5f-b51a-4a54044d7327

2016-2017 STATE OF FLORIDA INSTRUCTIONAL MATERIALS ADOPTION
STANDARDS ALIGNMENT
COURSE STANDARDS/BENCHMARKS (Form IM7)

BENCHMARK CODE	BENCHMARK	LESSONS WHERE STANDARD/BENCHMARK IS DIRECTLY ADDRESSED IN MAJOR TOOL (MOST IN-DEPTH COVERAGE LISTED FIRST)	
SC.7.N.1.1	Define a problem from the seventh grade curriculum, use appropriate reference materials to support scientific understanding, plan and carry out scientific investigation of various types, such as systematic observations or experiments, identify variables, collect and organize data, interpret data in charts, tables, and graphics, analyze information, make predictions, and defend conclusions.	Anthropogenic Changes Comprehensive Science 2 - Florida (2017) > Life Science > Interdependence of Organisms > Anthropogenic Changes > Explore > Explore More Resources > Hands-On Activity: Effects of Pollution on the Water Supply	https://app.discoveryeducation.com/player/view/assetGuid/4a3c572d-122c-45aa-80e6-ce6406dcbd6a
SC.7.N.1.2	Differentiate replication (by others) from repetition (multiple trials).	Why Earthquakes Occur Comprehensive Science 2 - Florida (2017) > Earth & Space Science > Earthquakes and Volcanoes > Why Earthquakes Occur> Elaborate with STEM > STEM Project Starters page 3 > Project: Engineering an Earthquake-Resistant Bridge	https://app.discoveryeducation.com/learn/techbook/units/644e13a2-8cff-446b-98e7-a1897c8114a6/concepts/ddd485ac-c5e7-4e69-a6cd-410f717f5704/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/dfd606ad-9842-4a5f-b51a-4a54044d7327
SC.7.N.1.3	Distinguish between an experiment (which must involve the identification and control of variables) and other forms of scientific investigation and explain that not all scientific knowledge is derived from experimentation.	Why Earthquakes Occur Comprehensive Science 2 - Florida (2017) > Earth & Space Science > Earthquakes and Volcanoes > Why Earthquakes Occur> Elaborate with STEM > STEM Project Starters page 3 > Project: Engineering an Earthquake-Resistant Bridge	https://app.discoveryeducation.com/learn/techbook/units/644e13a2-8cff-446b-98e7-a1897c8114a6/concepts/ddd485ac-c5e7-4e69-a6cd-410f717f5704/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/dfd606ad-9842-4a5f-b51a-4a54044d7327
SC.7.N.1.3	Distinguish between an experiment (which must involve the identification and control of variables) and other forms of scientific investigation and explain that not all scientific knowledge is derived from experimentation.	Development of Plate Tectonic Theory Comprehensive Science 2 - Florida (2017) > Earth & Space Science > Plate Tectonic Theory > Development of Plate Tectonic Theory > Explore > Explore More Resources > Reading Passage: Continental Drift	https://app.discoveryeducation.com/player/view/assetGuid/d244b140-dc46-4022-b097-08238ec5b385
SC.7.N.1.4	Identify test variables (independent variables) and outcome variables (dependent variables) in an experiment.	Why Earthquakes Occur Comprehensive Science 2 - Florida (2017) > Earth & Space Science > Earthquakes and Volcanoes > Why Earthquakes Occur> Elaborate with STEM > STEM Project Starters page 3 > Project: Engineering an Earthquake-Resistant Bridge	https://app.discoveryeducation.com/learn/techbook/units/644e13a2-8cff-446b-98e7-a1897c8114a6/concepts/ddd485ac-c5e7-4e69-a6cd-410f717f5704/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/dfd606ad-9842-4a5f-b51a-4a54044d7327

2016-2017 STATE OF FLORIDA INSTRUCTIONAL MATERIALS ADOPTION
STANDARDS ALIGNMENT
COURSE STANDARDS/BENCHMARKS (Form IM7)

BENCHMARK CODE	BENCHMARK	LESSONS WHERE STANDARD/BENCHMARK IS DIRECTLY ADDRESSED IN MAJOR TOOL (MOST IN-DEPTH COVERAGE LISTED FIRST)	
SC.7.N.1.5	Describe the methods used in the pursuit of a scientific explanation as seen in different fields of science such as biology, geology, and physics.	Development of Plate Tectonic Theory Comprehensive Science 2 - Florida (2017) > Earth & Space Science > Plate Tectonic Theory > Development of Plate Tectonic Theory > Elaborate with STEM > STEM in Action: Discovering More About Our Planet	https://app.discoveryeducation.com/learn/techbook/units/59143d67-a5c9-4cec-8658-2a3743a067b2/concepts/a7be125a-e2b4-476d-b4ad-f0656c375c0d/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/282716f9-86ee-4f92-aa2a-67340dfb2406
SC.7.N.1.5	Describe the methods used in the pursuit of a scientific explanation as seen in different fields of science such as biology, geology, and physics.	Rock Cycle Comprehensive Science 2 - Florida (2017) > Earth & Space Science > Earth's Interior > Rock Cycle > Elaborate with STEM > STEM in Action: Careers in Earth Science	https://app.discoveryeducation.com/learn/techbook/units/0c2d5e2f-483f-4483-b9a0-e5eb55032de3/concepts/e8c6a9cc-e3db-47a3-8670-b01b4741fe57/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/269e9352-2792-4aa7-8c96-f3d714b605f6
SC.7.N.1.5	Describe the methods used in the pursuit of a scientific explanation as seen in different fields of science such as biology, geology, and physics.	Formation of the Earth Comprehensive Science 2 - Florida (2017) > Earth & Space Science > Earth's Interior > Formation of the Earth > Elaborate with STEM > STEM in Action: Identifying What Is Beneath	https://app.discoveryeducation.com/learn/techbook/units/0c2d5e2f-483f-4483-b9a0-e5eb55032de3/concepts/35c8a7c8-0dcc-43be-b4f3-cb69be882f37/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/7c50d848-0cfc-4fba-b57c-5475664e7d80
SC.7.N.1.6	Explain that empirical evidence is the cumulative body of observations of a natural phenomenon on which scientific explanations are based.	Development of Plate Tectonic Theory Comprehensive Science 2 - Florida (2017) > Earth & Space Science > Plate Tectonic Theory > Development of Plate Tectonic Theory > Explore > Core Interactive Text page 1 > Reading Passage: Timeline of Plate Tectonics	https://app.discoveryeducation.com/player/view/assetGuid/08110fac-1ec5-4a9d-a821-cd986ef166ca
SC.7.N.1.6	Explain that empirical evidence is the cumulative body of observations of a natural phenomenon on which scientific explanations are based.	Development of Plate Tectonic Theory Comprehensive Science 2 - Florida (2017) > Earth & Space Science > Plate Tectonic Theory > Development of Plate Tectonic Theory > Explore > Explore More Resources > Reading Passage: Continental Drift	https://app.discoveryeducation.com/player/view/assetGuid/d244b140-dc46-4022-b097-08238ec5b385
SC.7.N.1.7	Explain that scientific knowledge is the result of a great deal of debate and confirmation within the science community.	Development of Plate Tectonic Theory Comprehensive Science 2 - Florida (2017) > Earth & Space Science > Plate Tectonic Theory > Development of Plate Tectonic Theory > Explore > Core Interactive Text page 1 > Reading Passage: Alfred Wegener's New Idea	https://app.discoveryeducation.com/player/view/assetGuid/926ef93d-7b7b-4253-8fae-51f1dc76d7fb
SC.7.N.1.7	Explain that scientific knowledge is the result of a great deal of debate and confirmation within the science community.	Development of Plate Tectonic Theory Comprehensive Science 2 - Florida (2017) > Earth & Space Science > Plate Tectonic Theory > Development of Plate Tectonic Theory > Explore > Core Interactive Text page 1 > Reading Passage: Timeline of Plate Tectonics	https://app.discoveryeducation.com/player/view/assetGuid/08110fac-1ec5-4a9d-a821-cd986ef166ca

2016-2017 STATE OF FLORIDA INSTRUCTIONAL MATERIALS ADOPTION
STANDARDS ALIGNMENT
COURSE STANDARDS/BENCHMARKS (Form IM7)

BENCHMARK CODE	BENCHMARK	LESSONS WHERE STANDARD/BENCHMARK IS DIRECTLY ADDRESSED IN MAJOR TOOL (MOST IN-DEPTH COVERAGE LISTED FIRST)	
SC.7.N.2.1	Identify an instance from the history of science in which scientific knowledge has changed when new evidence or new interpretations are encountered.	Development of Plate Tectonic Theory Comprehensive Science 2 - Florida (2017) > Earth & Space Science > Plate Tectonic Theory > Development of Plate Tectonic Theory > Explore > Core Interactive Text page 1 > Reading Passage: Alfred Wegener's New Idea	https://app.discoveryeducation.com/player/view/assetGuid/926ef93d-7b7b-4253-8fae-51f1dc76d7fb
SC.7.N.2.1	Identify an instance from the history of science in which scientific knowledge has changed when new evidence or new interpretations are encountered.	Development of Plate Tectonic Theory Comprehensive Science 2 - Florida (2017) > Earth & Space Science > Plate Tectonic Theory > Development of Plate Tectonic Theory > Explore > Explore More Resources > Reading Passage: Continental Drift	https://app.discoveryeducation.com/player/view/assetGuid/d244b140-dc46-4022-b097-08238ec5b385
SC.7.N.3.1	Recognize and explain the difference between theories and laws and give several examples of scientific theories and the evidence that supports them.	Development of Plate Tectonic Theory Comprehensive Science 2 - Florida (2017) > Earth & Space Science > Plate Tectonic Theory > Development of Plate Tectonic Theory > Explore > Core Interactive Text page 1 > Reading Passage: Alfred Wegener's New Idea	https://app.discoveryeducation.com/player/view/assetGuid/926ef93d-7b7b-4253-8fae-51f1dc76d7fb
SC.7.N.3.1	Recognize and explain the difference between theories and laws and give several examples of scientific theories and the evidence that supports them.	Development of Plate Tectonic Theory Comprehensive Science 2 - Florida (2017) > Earth & Space Science > Plate Tectonic Theory > Development of Plate Tectonic Theory > Explore > Explore More Resources > Reading Passage: Continental Drift	https://app.discoveryeducation.com/player/view/assetGuid/d244b140-dc46-4022-b097-08238ec5b385
SC.7.N.3.2	Identify the benefits and limitations of the use of scientific models.	Physical Properties of Earth's Layers Comprehensive Science 2 - Florida (2017) > Earth & Space Science > Earth's Interior > Physical Properties of Earth's Layers> Elaborate with STEM > STEM Project Starters page 2 > Project: Build a Model of Earth's Layers	https://app.discoveryeducation.com/learn/techbook/units/0c2d5e2f-483f-4483-b9a0-e5eb55032de3/concepts/073a551d-2b27-43da-be79-79575c8ef8a3/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/0a749c19-2fa0-4e1d-8a4a-b60dd7366933
SC.7.N.3.2	Identify the benefits and limitations of the use of scientific models.	Rock Cycle Comprehensive Science 2 - Florida (2017) > Earth & Space Science > Earth's Interior > Rock Cycle > Explore > Core Interactive Text page 3 > Hands-On Activity: One Candle, Three Rocks	https://app.discoveryeducation.com/player/view/assetGuid/5a07b2d8-d109-4370-b6ba-8e0342baec28
LAFS.68.RST.1.1	Cite specific textual evidence to support analysis of science and technical texts.	Anthropogenic Changes Comprehensive Science 2 - Florida (2017) > Life Science > Interdependence of Organisms > Anthropogenic Changes > Elaborate with STEM > STEM in Action: Career: Science Personality	https://app.discoveryeducation.com/learn/techbook/units/850f536d-1c04-4ac7-9d23-2969c95230e7/concepts/2222bd85-5dcd-4108-8177-9e43bba7f7c3/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/b73810d9-a7a9-4e1a-9a2b-37805a7f84af

2016-2017 STATE OF FLORIDA INSTRUCTIONAL MATERIALS ADOPTION
STANDARDS ALIGNMENT
COURSE STANDARDS/BENCHMARKS (Form IM7)

BENCHMARK CODE	BENCHMARK	LESSONS WHERE STANDARD/BENCHMARK IS DIRECTLY ADDRESSED IN MAJOR TOOL (MOST IN-DEPTH COVERAGE LISTED FIRST)	
LAFS.68.RST.1.2	Determine the central ideas or conclusions of a text; provide an accurate summary of the text distinct from prior knowledge or opinions.	Anthropogenic Changes Comprehensive Science 2 - Florida (2017) > Life Science > Interdependence of Organisms > Anthropogenic Changes > Elaborate with STEM > STEM in Action: Career: Science Personality	https://app.discoveryeducation.com/learn/techbook/units/850f536d-1c04-4ac7-9d23-2969c95230e7/concepts/2222bd85-5dcd-4108-8177-9e43bba7f7c3/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/b73810d9-a7a9-4e1a-9a2b-37805a7f84af
LAFS.68.RST.1.3	Follow precisely a multistep procedure when carrying out experiments, taking measurements, or performing technical tasks.	Rock Cycle Comprehensive Science 2 - Florida (2017) > Earth & Space Science > Earth's Interior > Rock Cycle > Explore > Core Interactive Text page 3 > Hands-On Activity: One Candle, Three Rocks	https://app.discoveryeducation.com/player/view/assetGuid/5a07b2d8-d109-4370-b6ba-8e0342baec28
LAFS.68.RST.2.4	Determine the meaning of symbols, key terms, and other domain-specific words and phrases as they are used in a specific scientific or technical context relevant to grades 68 texts and topics.	Why Earthquakes Occur Comprehensive Science 2 - Florida (2017) > Earth & Space Science > Earthquakes and Volcanoes > Why Earthquakes Occur> Explore > Explore More Resources > Reading Passage: Japanese Earthquake, 2011	https://app.discoveryeducation.com/player/view/assetGuid/2ff2ec1d-a719-42a2-a6eb-8a34d0a1f0c9
LAFS.68.RST.2.4	Determine the meaning of symbols, key terms, and other domain-specific words and phrases as they are used in a specific scientific or technical context relevant to grades 68 texts and topics.	Physical Properties of Earth's Layers Comprehensive Science 2 - Florida (2017) > Earth & Space Science > Earth's Interior > Physical Properties of Earth's Layers> Explore > Explore More Resources > Reading Passage: Can Humans Travel to the Center of the Earth?	https://app.discoveryeducation.com/player/view/assetGuid/a60cbfb1-d4a1-4cbf-b6b5-c48f9871608c
LAFS.68.RST.2.5	Analyze the structure an author uses to organize a text, including how the major sections contribute to the whole and to an understanding of the topic.	Physical Properties of Earth's Layers Comprehensive Science 2 - Florida (2017) > Earth & Space Science > Earth's Interior > Physical Properties of Earth's Layers> Explore > Explore More Resources > Reading Passage: Can Humans Travel to the Center of the Earth?	https://app.discoveryeducation.com/player/view/assetGuid/a60cbfb1-d4a1-4cbf-b6b5-c48f9871608c
LAFS.68.RST.2.5	Analyze the structure an author uses to organize a text, including how the major sections contribute to the whole and to an understanding of the topic.	Rock Cycle Comprehensive Science 2 - Florida (2017) > Earth & Space Science > Earth's Interior > Rock Cycle > Explore > Explore More Resources > Reading Passage: Meteorites, Impacts, and Metamorphism, OH MY!	https://app.discoveryeducation.com/player/view/assetGuid/d1d1a17e-21f4-4d88-b2af-6b49583bb406
LAFS.68.RST.2.6	Analyze the authors purpose in providing an explanation, describing a procedure, or discussing an experiment in a text.	Why Earthquakes Occur Comprehensive Science 2 - Florida (2017) > Earth & Space Science > Earthquakes and Volcanoes > Why Earthquakes Occur> Explore > Explore More Resources > Reading Passage: Japanese Earthquake, 2011	https://app.discoveryeducation.com/player/view/assetGuid/2ff2ec1d-a719-42a2-a6eb-8a34d0a1f0c9

2016-2017 STATE OF FLORIDA INSTRUCTIONAL MATERIALS ADOPTION
STANDARDS ALIGNMENT
COURSE STANDARDS/BENCHMARKS (Form IM7)

BENCHMARK CODE	BENCHMARK	LESSONS WHERE STANDARD/BENCHMARK IS DIRECTLY ADDRESSED IN MAJOR TOOL (MOST IN-DEPTH COVERAGE LISTED FIRST)	
LAFS.68.RST.3.7	Integrate quantitative or technical information expressed in words in a text with a version of that information expressed visually (e.g., in a flowchart, diagram, model, graph, or table).	Asexual Comprehensive Science 2 - Florida (2017) > Life Science > Heredity and Reproduction > Asexual> Explore > Explore More Resources > Hands-On Activity: Watching Yeast Grow	https://app.discoveryeducation.com/player/view/assetGuid/b67b21cd-e89f-47fb-9bd2-40047a9c526e
LAFS.68.RST.3.8	Distinguish among facts, reasoned judgment based on research findings, and speculation in a text.	Anthropogenic Changes Comprehensive Science 2 - Florida (2017) > Life Science > Interdependence of Organisms > Anthropogenic Changes > Core Interactive Text page 3 > Reading Passage: Global Warming	https://app.discoveryeducation.com/player/view/assetGuid/1e68bcba-1cda-4ea8-9113-764519403e0c
LAFS.68.RST.3.9	Compare and contrast the information gained from experiments, simulations, video, or multimedia sources with that gained from reading a text on the same topic.	Where Volcanoes Form Comprehensive Science 2 - Florida (2017) > Earthquakes and Volcanoes > Where Volcanoes Form > Elaborate with STEM > STEM Project Starters page 1 > Project: Predicting a Volcano Eruption	https://app.discoveryeducation.com/learn/techbook/units/644e13a2-8cff-446b-98e7-a1897c8114a6/concepts/8551bdf7-aa83-419b-b4ce-6ffb647723af/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/56c9609b-a743-449a-8f17-4ca942ef6466
LAFS.68.WHST.1.1	Write arguments focused on discipline-specific content. Introduce claim(s) about a topic or issue, acknowledge and distinguish the claim(s) from alternate or opposing claims, and organize the reasons and evidence logically. Use words, phrases, and clauses to create cohesion and clarify the relationships among claim(s), counterclaims, reasons, and evidence. Establish and maintain a formal style. Provide a concluding statement or section that follows from and supports the argument presented.	Formation of the Earth Comprehensive Science 2 - Florida (2017) > Earth & Space Science > Earth's Interior > Formation of the Earth > Elaborate with STEM > STEM in Action: Identifying What Is Beneath	https://app.discoveryeducation.com/learn/techbook/units/0c2d5e2f-483f-4483-b9a0-e5eb55032de3/concepts/35c8a7c8-0dcc-43be-b4f3-cb69be882f37/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/7c50d848-0cfc-4fba-b57c-5475664e7d80
LAFS.68.WHST.1.2	Write informative/explanatory texts, including the narration of historical events, scientific procedures/ experiments, or technical processes.	Where Volcanoes Form Comprehensive Science 2 - Florida (2017) > Earthquakes and Volcanoes > Where Volcanoes Form > Elaborate with STEM > STEM Project Starters page 1 > Project: Predicting a Volcano Eruption	https://app.discoveryeducation.com/learn/techbook/units/644e13a2-8cff-446b-98e7-a1897c8114a6/concepts/8551bdf7-aa83-419b-b4ce-6ffb647723af/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/56c9609b-a743-449a-8f17-4ca942ef6466
LAFS.68.WHST.2.4	Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience.	Physical Properties of Earth's Layers Comprehensive Science 2 - Florida (2017) > Earth & Space Science > Earth's Interior > Physical Properties of Earth's Layers> Elaborate with STEM > STEM in Action: Deep Secrets of the Ocean Floor	https://app.discoveryeducation.com/learn/techbook/units/0c2d5e2f-483f-4483-b9a0-e5eb55032de3/concepts/073a551d-2b27-43da-be79-79575c8ef8a3/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/2f8a06cb-dac2-459c-88f1-327691eb5cd2

2016-2017 STATE OF FLORIDA INSTRUCTIONAL MATERIALS ADOPTION
STANDARDS ALIGNMENT
COURSE STANDARDS/BENCHMARKS (Form IM7)

BENCHMARK CODE	BENCHMARK	LESSONS WHERE STANDARD/BENCHMARK IS DIRECTLY ADDRESSED IN MAJOR TOOL (MOST IN-DEPTH COVERAGE LISTED FIRST)	
LAFS.68.WHST.2.5	With some guidance and support from peers and adults, develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach, focusing on how well purpose and audience have been addressed.	Where Volcanoes Form Comprehensive Science 2 - Florida (2017) > Earthquakes and Volcanoes > Where Volcanoes Form > Elaborate with STEM > STEM Project Starters page 1 > Project: Predicting a Volcano Eruption	https://app.discoveryeducation.com/learn/techbook/units/644e13a2-8cff-446b-98e7-a1897c8114a6/concepts/8551bdf7-aa83-419b-b4ce-6ffb647723af/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/56c9609b-a743-449a-8f17-4ca942ef6466
LAFS.68.WHST.2.6	Use technology, including the Internet, to produce and publish writing and present the relationships between information and ideas clearly and efficiently.	Why Earthquakes Occur Comprehensive Science 2 - Florida (2017) > Earth & Space Science > Earthquakes and Volcanoes > Why Earthquakes Occur> Elaborate with STEM > STEM Project Starters page 1 > Project: A Faulty Landscape	https://app.discoveryeducation.com/learn/techbook/units/644e13a2-8cff-446b-98e7-a1897c8114a6/concepts/ddd485ac-c5e7-4e69-a6cd-410f717f5704/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/45f0d276-b8cd-4435-8283-395821a4449e
LAFS.68.WHST.2.6	Use technology, including the Internet, to produce and publish writing and present the relationships between information and ideas clearly and efficiently.	Plate Tectonics Comprehensive Science 2 - Florida (2017) > Earth & Space Science > Plate Tectonic Theory > Plate Tectonics > Elaborate with STEM > STEM Project Starters page 2 > Project: Design a Plate Tectonic Game	https://app.discoveryeducation.com/learn/techbook/units/59143d67-a5c9-4cec-8658-2a3743a067b2/concepts/7e432897-4033-4719-a6d8-06d9124eab33/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/9f850fd1-f9ec-45f3-867e-8309700d9d8e
LAFS.68.WHST.3.7	Conduct short research projects to answer a question (including a self-generated question), drawing on several sources and generating additional related, focused questions that allow for multiple avenues of exploration	Rock Cycle Comprehensive Science 2 - Florida (2017) > Earth & Space Science > Earth's Interior > Rock Cycle > Elaborate with STEM > STEM Project Starters page 3 > Project: Classifying Minerals	https://app.discoveryeducation.com/learn/techbook/units/0c2d5e2f-483f-4483-b9a0-e5eb55032de3/concepts/e8c6a9cc-e3db-47a3-8670-b01b4741fe57/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/c378fd03-7e71-43d5-b622-265dc3c902f1
LAFS.68.WHST.3.7	Conduct short research projects to answer a question (including a self-generated question), drawing on several sources and generating additional related, focused questions that allow for multiple avenues of exploration	Where Volcanoes Form Comprehensive Science 2 - Florida (2017) > Earthquakes and Volcanoes > Where Volcanoes Form > Elaborate with STEM > STEM Project Starters page 2 > Project: Evaluate the Influence of Volcanoes on Climate	https://app.discoveryeducation.com/learn/techbook/units/644e13a2-8cff-446b-98e7-a1897c8114a6/concepts/8551bdf7-aa83-419b-b4ce-6ffb647723af/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/5b7d8435-b409-49fc-89fb-7dfa82b60749
LAFS.68.WHST.3.8	Gather relevant information from multiple print and digital sources, using search terms effectively; assess the credibility and accuracy of each source; and quote or paraphrase the data and conclusions of others while avoiding plagiarism and following a standard format for citation.	Where Volcanoes Form Comprehensive Science 2 - Florida (2017) > Earthquakes and Volcanoes > Where Volcanoes Form > Elaborate with STEM > STEM Project Starters page 2 > Project: Evaluate the Influence of Volcanoes on Climate	https://app.discoveryeducation.com/learn/techbook/units/644e13a2-8cff-446b-98e7-a1897c8114a6/concepts/8551bdf7-aa83-419b-b4ce-6ffb647723af/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/5b7d8435-b409-49fc-89fb-7dfa82b60749
LAFS.68.WHST.3.9	Draw evidence from informational texts to support analysis reflection, and research.	DNA Comprehensive Science 2 - Florida (2017) > Life Science > Heredity and Reproduction > DNA > Explain	https://app.discoveryeducation.com/learn/techbook/units/a514f95e-f65f-4d61-b6de-1aed12005b74/concepts/90bc6c56-34a9-4a4e-a950-03e90ae77a50/tabs/0df56444-5400-41eb-a6ce-de52b7efb950

2016-2017 STATE OF FLORIDA INSTRUCTIONAL MATERIALS ADOPTION
STANDARDS ALIGNMENT
COURSE STANDARDS/BENCHMARKS (Form IM7)

BENCHMARK CODE	BENCHMARK	LESSONS WHERE STANDARD/BENCHMARK IS DIRECTLY ADDRESSED IN MAJOR TOOL (MOST IN-DEPTH COVERAGE LISTED FIRST)	
LAFS.68.WHST.3.9	Draw evidence from informational texts to support analysis reflection, and research.	Types of Waves Comprehensive Science 2 - Florida (2017) > Light Energy > Types of Waves > Explain	https://app.discoveryeducation.com/learn/techbook/units/77c09a2c-d542-4335-a808-d72a14d08ff6/concepts/eb3c6374-c43e-42d9-83af-da17ae3d0ae7/tabs/0df56444-5400-41eb-a6ce-de52b7efb950
LAFS.68.WHST.4.10	Write routinely over extended time frames (time for reflection and revision) and shorter time frames (a single sitting or a day or two) for a range of discipline-specific tasks, purposes, and audiences.	Anthropogenic Changes Comprehensive Science 2 - Florida (2017) > Life Science > Interdependence of Organisms > Anthropogenic Changes > Elaborate with STEM > STEM Project Starters page 2 > Project: Engineering Change	https://app.discoveryeducation.com/learn/techbook/units/850f536d-1c04-4ac7-9d23-2969c95230e7/concepts/2222bd85-5dcd-4108-8177-9e43bba7f7c3/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/c693066c-a1a3-47a8-85e1-5a54f9f5b883
LAFS.68.WHST.4.10	Write routinely over extended time frames (time for reflection and revision) and shorter time frames (a single sitting or a day or two) for a range of discipline-specific tasks, purposes, and audiences.	Development of Plate Tectonic Theory Comprehensive Science 2 - Florida (2017) > Earth & Space Science > Plate Tectonic Theory > Development of Plate Tectonic Theory > Elaborate with STEM > STEM Project Starters page 1 > Project: Playing Wegener	https://app.discoveryeducation.com/learn/techbook/units/59143d67-a5c9-4cec-8658-2a3743a067b2/concepts/a7be125a-e2b4-476d-b4ad-f0656c375c0d/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/5364fe9d-0dae-4934-8884-c5f629c3f9d9
MAFS.K12.MP.1.1	Make sense of problems and persevere in solving them.	Over-Exploitation of Resources Comprehensive Science 2 - Florida (2017) > Life Science > Interdependence of Organisms > Over-Exploitation of Resources > Elaborate with STEM > STEM Project Starters page 2 > Problem: Something Fishy	https://app.discoveryeducation.com/learn/techbook/units/850f536d-1c04-4ac7-9d23-2969c95230e7/concepts/dea23ae1-8e07-492d-8a34-accb3e2fe280/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/8b9fef22-8c24-49f1-ab99-1794d6219008
MAFS.K12.MP.1.1	Make sense of problems and persevere in solving them.	Populations Comprehensive Science 2 - Florida (2017) > Life Science > Interdependence of Organisms > Populations > Elaborate with STEM > STEM Project Starters page 2 > Project: Limiting Factor in Action	https://app.discoveryeducation.com/learn/techbook/units/850f536d-1c04-4ac7-9d23-2969c95230e7/concepts/968fc1d0-9b4a-4526-800c-8227164e90d0/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/d21ba83b-54c5-4899-825d-38ad23402eea
MAFS.K12.MP.2.1	Reason abstractly and quantitatively.	Populations Comprehensive Science 2 - Florida (2017) > Life Science > Interdependence of Organisms > Populations > Elaborate with STEM > STEM Project Starters page 2 > Project: Limiting Factor in Action	https://app.discoveryeducation.com/learn/techbook/units/850f536d-1c04-4ac7-9d23-2969c95230e7/concepts/968fc1d0-9b4a-4526-800c-8227164e90d0/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/d21ba83b-54c5-4899-825d-38ad23402eea
MAFS.K12.MP.3.1	Construct viable arguments and critique the reasoning of others.	Mendel and Heredity Comprehensive Science 2 - Florida (2017) > Life Science > Heredity and Reproduction > Mendel and Heredity> Elaborate with STEM > STEM Project Starters page 1 > Project: Engineering Better Produce	https://app.discoveryeducation.com/learn/techbook/units/a514f95e-f65f-4d61-b6de-1aed12005b74/concepts/5e430ddc-9c3f-4231-9368-7c7b47a10b4b/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/a757fb74-f290-49a3-852e-f8545de8115c

2016-2017 STATE OF FLORIDA INSTRUCTIONAL MATERIALS ADOPTION
STANDARDS ALIGNMENT
COURSE STANDARDS/BENCHMARKS (Form IM7)

BENCHMARK CODE	BENCHMARK	LESSONS WHERE STANDARD/BENCHMARK IS DIRECTLY ADDRESSED IN MAJOR TOOL (MOST IN-DEPTH COVERAGE LISTED FIRST)	
MAFS.K12.MP.3.1	Construct viable arguments and critique the reasoning of others.	Genes Comprehensive Science 2 - Florida (2017) > Life Science > Heredity and Reproduction > Genes > Elaborate with STEM > STEM in Action: Careers in Gene Hunting	https://app.discoveryeducation.com/learn/techbook/units/a514f95e-f65f-4d61-b6de-1aed12005b74/concepts/f1fdafee-39be-4155-9fd5-cb0ca9f36201/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f
MAFS.K12.MP.4.1	Model with mathematics.	Change over Time and the Fossil Record Comprehensive Science 2 - Florida (2017) > Life Science > Evolutionary Theory > Change over Time and the Fossil Record > Elaborate with STEM > STEM Project Starters page 1 > Project: Modeling Asteroid Impacts	https://app.discoveryeducation.com/learn/techbook/units/21b174a7-6bb0-439a-b41c-a8987b1a08ae/concepts/5c8a0e1d-9297-4092-90c6-410bda620a12/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/57844de1-20ed-43ed-bdda-ebc45c133726
MAFS.K12.MP.5.1	Use appropriate tools strategically.	Populations Comprehensive Science 2 - Florida (2017) > Life Science > Interdependence of Organisms > Populations > Explore > Explore More Resources > Hands-On Lab: Surveying and Comparing Populations	https://app.discoveryeducation.com/player/view/assetGuid/bca6fa6d-c158-4f0a-ab67-fd084b6645a3
MAFS.K12.MP.6.1	Attend to precision.	Factors That Influence Human Growth and Development Comprehensive Science 2 - Florida (2017) > Life Science > Heredity and Reproduction > Factors the Influence Human Growth and Development> Elaborate with STEM > STEM Project Starters page 1 > Project: Health Coaching	https://app.discoveryeducation.com/learn/techbook/units/a514f95e-f65f-4d61-b6de-1aed12005b74/concepts/219c9bb7-7775-4005-bdd5-e700be2723d5/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/d0c1368b-be63-4110-b264-d0d55da6fa79
MAFS.K12.MP.6.1	Attend to precision.	Asexual Comprehensive Science 2 - Florida (2017) > Life Science > Heredity and Reproduction > Asexual> Explore > Explore More Resources > Hands-On Activity: Watching Yeast Grow	https://app.discoveryeducation.com/player/view/assetGuid/b67b21cd-e89f-47fb-9bd2-40047a9c526e
MAFS.K12.MP.7.1	Look for and make use of structure.	Change over Time and the Fossil Record Comprehensive Science 2 - Florida (2017) > Life Science > Evolutionary Theory > Change over Time and the Fossil Record > Explore > Explore More Resources: Hands-On Activity: Constructing a Cladogram	https://app.discoveryeducation.com/player/view/assetGuid/ecab0f3b-6776-4f62-964d-0cb1ec93e70b
MAFS.K12.MP.7.1	Look for and make use of structure.	Asexual Comprehensive Science 2 - Florida (2017) > Life Science > Heredity and Reproduction > Asexual> Explore > Explore More Resources > Hands-On Activity: Watching Yeast Grow	https://app.discoveryeducation.com/player/view/assetGuid/b67b21cd-e89f-47fb-9bd2-40047a9c526e

2016-2017 STATE OF FLORIDA INSTRUCTIONAL MATERIALS ADOPTION
STANDARDS ALIGNMENT
COURSE STANDARDS/BENCHMARKS (Form IM7)

BENCHMARK CODE	BENCHMARK	LESSONS WHERE STANDARD/BENCHMARK IS DIRECTLY ADDRESSED IN MAJOR TOOL (MOST IN-DEPTH COVERAGE LISTED FIRST)	
MAFS.K12.MP.8.1	Look for and express regularity in repeated reasoning.	Genes Comprehensive Science 2 - Florida (2017) > Life Science > Heredity and Reproduction > Genes > Explore > Explore More Resources > Hands-On Activity: Crack the Code	https://app.discoveryeducation.com/player/view/assetGuid/2477283d-30c1-41e5-8bc3-348e32b33423
MAFS.K12.MP.8.1	Look for and express regularity in repeated reasoning.	Populations Comprehensive Science 2 - Florida (2017) > Life Science > Interdependence of Organisms > Populations > Explore > Core Interactive Text page 2 > Jackrabbit Population	https://app.discoveryeducation.com/learn/techbook/units/850f536d-1c04-4ac7-9d23-2969c95230e7/concepts/968fc1d0-9b4a-4526-800c-8227164e90d0/tabs/759da9a7-2edf-4cde-9515-7081ca990764/pages/598b32f6-5ad3-43c5-966d-9aee4aa7a311
SC.7.L.15.1	Recognize that fossil evidence is consistent with the scientific theory of evolution that living things evolved from earlier species.	Change over Time and the Fossil Record Comprehensive Science 2 - Florida (2017) - Florida (2017) > Environment and Change > Evolutionary Theory > Change over Time and the Fossil Record > Explore > Core Interactive Text page 3	https://app.discoveryeducation.com/learn/techbook/units/21b174a7-6bb0-439a-b41c-a8987b1a08ae/concepts/5c8a0e1d-9297-4092-90c6-410bda620a12/tabs/759da9a7-2edf-4cde-9515-7081ca990764/pages/8c5eca08-24b1-4ca2-8de2-25f09cd13520
SC.7.L.15.1	Recognize that fossil evidence is consistent with the scientific theory of evolution that living things evolved from earlier species.	Change over Time and the Fossil Record Comprehensive Science 2 - Florida (2017) > Life Science > Evolutionary Theory > Change over Time and the Fossil Record > Explore > Explore More Resources: Reading Passage: Change Over Time: The Fossil Record	https://app.discoveryeducation.com/player/view/assetGuid/5734f4db-2741-4f91-8a47-7cebe94f5b2a
SC.7.L.15.1	Recognize that fossil evidence is consistent with the scientific theory of evolution that living things evolved from earlier species.	Change over Time and the Fossil Record Comprehensive Science 2 - Florida (2017) > Life Science > Evolutionary Theory > Change over Time and the Fossil Record > Elaborate with STEM > STEM in Action: Living in the Past: Careers in Earth History	https://app.discoveryeducation.com/learn/techbook/units/21b174a7-6bb0-439a-b41c-a8987b1a08ae/concepts/5c8a0e1d-9297-4092-90c6-410bda620a12/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f
SC.7.L.15.3	Explore the scientific theory of evolution by relating how the inability of a species to adapt within a changing environment may contribute to the extinction of that species.	Darwin and Natural Selection Comprehensive Science 2 - Florida (2017) > Life Science > Evolutionary Theory > Darwin and Natural Selection> Explore > Core Interactive Text page 1	https://app.discoveryeducation.com/learn/techbook/units/21b174a7-6bb0-439a-b41c-a8987b1a08ae/concepts/bb6f4f76-e8cf-44cb-9e94-7a9da3e2ecac/tabs/759da9a7-2edf-4cde-9515-7081ca990764
SC.7.L.15.3	Explore the scientific theory of evolution by relating how the inability of a species to adapt within a changing environment may contribute to the extinction of that species.	Darwin and Natural Selection Comprehensive Science 2 - Florida (2017) > Life Science > Evolutionary Theory > Darwin and Natural Selection> Explore > Explore More Resources > Hands-On Activity: Silly Selection	https://app.discoveryeducation.com/player/view/assetGuid/9d13a95b-682e-4996-9061-e672a546dcaf

2016-2017 STATE OF FLORIDA INSTRUCTIONAL MATERIALS ADOPTION
STANDARDS ALIGNMENT
COURSE STANDARDS/BENCHMARKS (Form IM7)

BENCHMARK CODE	BENCHMARK	LESSONS WHERE STANDARD/BENCHMARK IS DIRECTLY ADDRESSED IN MAJOR TOOL (MOST IN-DEPTH COVERAGE LISTED FIRST)	
SC.7.L.15.3	Explore the scientific theory of evolution by relating how the inability of a species to adapt within a changing environment may contribute to the extinction of that species.	Change over Time and the Fossil Record Comprehensive Science 2 - Florida (2017) > Life Science > Evolutionary Theory > Change over Time and the Fossil Record > Explore > Core Interactive Text page 3 > Reading Passage: Extinction Basics	https://app.discoveryeducation.com/player/view/assetGuid/c47e3a06-30e8-43fe-9541-7b2536bde0eb
SC.7.L.15.2	Explore the scientific theory of evolution by recognizing and explaining ways in which genetic variation and environmental factors contribute to evolution by natural selection and diversity of organisms.	Adaptations Comprehensive Science 2 - Florida (2017) > Evolutionary Theory > Adaptations > Explore > Core Interactive Text page 2	https://app.discoveryeducation.com/learn/techbook/units/21b174a7-6bb0-439a-b41c-a8987b1a08ae/concepts/4237086c-9d21-42d3-acd8-751640b62e63/tabs/759da9a7-2edf-4cde-9515-7081ca990764/pages/b73f5230-5246-4617-8d66-c3dff1941a79
SC.7.L.15.2	Explore the scientific theory of evolution by recognizing and explaining ways in which genetic variation and environmental factors contribute to evolution by natural selection and diversity of organisms.	Darwin and Natural Selection Comprehensive Science 2 - Florida (2017) > Life Science > Evolutionary Theory > Darwin and Natural Selection> Explore > Explore More Resources > Hands-On Activity: Silly Selection	https://app.discoveryeducation.com/player/view/assetGuid/9d13a95b-682e-4996-9061-e672a546dcaf
SC.7.L.16.1	Understand and explain that every organism requires a set of instructions that specifies its traits, that this hereditary information (DNA) contains genes located in the chromosomes of each cell, and that heredity is the passage of these instructions from one generation to another.	Mendel and Heredity Comprehensive Science 2 - Florida (2017) > Life Science > Heredity and Reproduction > Mendel and Heredity> Explore > Core Interactive Text page 1	https://app.discoveryeducation.com/learn/techbook/units/a514f95e-f65f-4d61-b6de-1aed12005b74/concepts/5e430ddc-9c3f-4231-9368-7c7b47a10b4b/tabs/759da9a7-2edf-4cde-9515-7081ca990764
SC.7.L.16.1	Understand and explain that every organism requires a set of instructions that specifies its traits, that this hereditary information (DNA) contains genes located in the chromosomes of each cell, and that heredity is the passage of these instructions from one generation to another.	Genes Comprehensive Science 2 - Florida (2017) - Florida (2017) > Human Systems > Heredity and Reproduction >Explore > Core Interactive Text page 1	https://app.discoveryeducation.com/learn/techbook/units/a514f95e-f65f-4d61-b6de-1aed12005b74/concepts/f1fdafee-39be-4155-9fd5-cb0ca9f36201/tabs/759da9a7-2edf-4cde-9515-7081ca990764
SC.7.L.16.1	Understand and explain that every organism requires a set of instructions that specifies its traits, that this hereditary information (DNA) contains genes located in the chromosomes of each cell, and that heredity is the passage of these instructions from one generation to another.	Genes Comprehensive Science 2 - Florida (2017) > Life Science > Heredity and Reproduction > Genes > Explore > Explore More Resources > Exploration: Chip Off the Old Block	https://app.discoveryeducation.com/player/view/assetGuid/dfbd94c2-1115-4aca-9124-8fdc75a5b9ba

2016-2017 STATE OF FLORIDA INSTRUCTIONAL MATERIALS ADOPTION
STANDARDS ALIGNMENT
COURSE STANDARDS/BENCHMARKS (Form IM7)

BENCHMARK CODE	BENCHMARK	LESSONS WHERE STANDARD/BENCHMARK IS DIRECTLY ADDRESSED IN MAJOR TOOL (MOST IN-DEPTH COVERAGE LISTED FIRST)	
SC.7.L.16.2	Determine the probabilities for genotype and phenotype combinations using Punnett Squares and pedigrees.	Mendel and Heredity Comprehensive Science 2 - Florida (2017) > Life Science > Heredity and Reproduction > Mendel and Heredity> Explore > Explore More Resources > Exploration: Breeding Pea Plants	https://app.discoveryeducation.com/player/view/assetGuid/9244472f-6196-4d3b-8ca6-1b6b08600050
SC.7.L.16.2	Determine the probabilities for genotype and phenotype combinations using Punnett Squares and pedigrees.	Sexual Comprehensive Science 2 - Florida (2017) > Life Science > Heredity and Reproduction > Sexual> Elaborate with STEM > STEM in Action: The Art of Breeding	https://app.discoveryeducation.com/learn/techbook/units/a514f95e-f65f-4d61-b6de-1aed12005b74/concepts/febe1fa5-3c74-4a79-a08a-8c0670e5e6e9/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f
SC.7.L.16.2	Determine the probabilities for genotype and phenotype combinations using Punnett Squares and pedigrees.	Mendel and Heredity Comprehensive Science 2 - Florida (2017) - Florida (2017) > Human Systems > Heredity and Reproduction >Mendel and Heredity > Elaborate with STEM > STEM Project Starters page 2 > Project: Why Are There So Many Blood Types?	https://app.discoveryeducation.com/learn/techbook/units/a514f95e-f65f-4d61-b6de-1aed12005b74/concepts/5e430ddc-9c3f-4231-9368-7c7b47a10b4b/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/c4fbed07-57a8-4bc8-80fd-d98d13bd6c9d
SC.7.L.16.3	Compare and contrast the general processes of sexual reproduction requiring meiosis and asexual reproduction requiring mitosis.	Sexual Comprehensive Science 2 - Florida (2017) > Life Science > Heredity and Reproduction > Sexual> Explore > Core Interactive Text page 2 > Sexual vs. Asexual	https://app.discoveryeducation.com/learn/techbook/units/a514f95e-f65f-4d61-b6de-1aed12005b74/concepts/febe1fa5-3c74-4a79-a08a-8c0670e5e6e9/tabs/759da9a7-2edf-4cde-9515-7081ca990764/pages/985debe5-c5db-4453-84d9-5d256fe54089
SC.7.L.16.3	Compare and contrast the general processes of sexual reproduction requiring meiosis and asexual reproduction requiring mitosis.	Asexual Comprehensive Science 2 - Florida (2017) > Life Science > Heredity and Reproduction > Asexual> Explore > Core Interactive Text page 2	https://app.discoveryeducation.com/learn/techbook/units/a514f95e-f65f-4d61-b6de-1aed12005b74/concepts/d5574736-7f6a-4687-98c7-a8adb83be60f/tabs/759da9a7-2edf-4cde-9515-7081ca990764/pages/ada1496f-f38e-4263-afa6-d24c01853a6d
SC.7.L.16.4	Recognize and explore the impact of biotechnology (cloning, genetic engineering, artificial selection) on the individual, society and the environment.	Genes Comprehensive Science 2 - Florida (2017) > Life Science > Heredity and Reproduction > Genes > Elaborate with STEM > STEM Project Starters 1 > Project: She's Exactly Like Her Mother	https://app.discoveryeducation.com/learn/techbook/units/a514f95e-f65f-4d61-b6de-1aed12005b74/concepts/f1fdafee-39be-4155-9fd5-cb0ca9f36201/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/ba9e982e-1c81-4d85-b880-2d090e4ae285
SC.7.L.16.4	Recognize and explore the impact of biotechnology (cloning, genetic engineering, artificial selection) on the individual, society and the environment.	Influencing Inheritance Comprehensive Science 2 - Florida (2017) > Life Science > Heredity and Reproduction > Influencing Inheritance > Explore > Core Interactive Text page 3	https://app.discoveryeducation.com/learn/techbook/units/a514f95e-f65f-4d61-b6de-1aed12005b74/concepts/e089ae91-f680-4352-964f-7ed5dd76ea3f/tabs/759da9a7-2edf-4cde-9515-7081ca990764/pages/b2f23da3-1558-483e-9fa1-2ebb7854d6d5

2016-2017 STATE OF FLORIDA INSTRUCTIONAL MATERIALS ADOPTION
STANDARDS ALIGNMENT
COURSE STANDARDS/BENCHMARKS (Form IM7)

BENCHMARK CODE	BENCHMARK	LESSONS WHERE STANDARD/BENCHMARK IS DIRECTLY ADDRESSED IN MAJOR TOOL (MOST IN-DEPTH COVERAGE LISTED FIRST)	
SC.7.L.16.4	Recognize and explore the impact of biotechnology (cloning, genetic engineering, artificial selection) on the individual, society and the environment.	Influencing Inheritance Comprehensive Science 2 - Florida (2017) > Life Science > Heredity and Reproduction > Influencing Inheritance > Explore > Explore More Resources > Reading Passage: SCNT: Controversy or Opportunity?	https://app.discoveryeducation.com/player/view/assetGuid/1567ff9c-a31b-4f37-b7c3-dec245baa545
SC.7.L.17.1	Explain and illustrate the roles of and relationships among producers, consumers, and decomposers in the process of energy transfer in a food web.	Relationships Among Organisms Comprehensive Science 2 - Florida (2017) > Life Science > Interdependence of Organisms > Relationships among Organisms > Explore > Explore More Resources > Exploration: What's Eating You?	https://app.discoveryeducation.com/player/view/assetGuid/4784d6c2-bad4-49a5-b221-619388a08f2e
SC.7.L.17.1	Explain and illustrate the roles of and relationships among producers, consumers, and decomposers in the process of energy transfer in a food web.	Relationships Among Organisms Comprehensive Science 2 - Florida (2017) > Life Science > Interdependence of Organisms > Relationships among Organisms > Explore > Core Interactive Text page 1 > Structure of a Food Web	https://app.discoveryeducation.com/learn/techbook/units/850f536d-1c04-4ac7-9d23-2969c95230e7/concepts/57ee83ba-63ff-4eec-b3eb-b62c61c8d63d/tabs/759da9a7-2edf-4cde-9515-7081ca990764
SC.7.L.17.2	Compare and contrast the relationships among organisms such as mutualism, predation, parasitism, competition, and commensalism.	Relationships Among Organisms Comprehensive Science 2 - Florida (2017) > Life Science > Interdependence of Organisms > Relationships among Organisms > Explore > Core Interactive Text page 2	https://app.discoveryeducation.com/learn/techbook/units/850f536d-1c04-4ac7-9d23-2969c95230e7/concepts/57ee83ba-63ff-4eec-b3eb-b62c61c8d63d/tabs/759da9a7-2edf-4cde-9515-7081ca990764/pages/acd87675-2da0-4a0a-a86b-0aa708b53c0c
SC.7.L.17.2	Compare and contrast the relationships among organisms such as mutualism, predation, parasitism, competition, and commensalism.	Relationships Among Organisms Comprehensive Science 2 - Florida (2017) > Life Science > Interdependence of Organisms > Relationships among Organisms > Explore > Explore More Resources > Reading Passage: Can't We All Just Get Along--Relationships in the Ecosystem	https://app.discoveryeducation.com/player/view/assetGuid/c75123c9-9d9e-4250-b3d3-611fac9770c7
SC.7.L.17.3	Describe and investigate various limiting factors in the local ecosystem and their impact on native populations, including food, shelter, water, space, disease, parasitism, predation, and nesting sites.	Populations Comprehensive Science 2 - Florida (2017) > Life Science > Interdependence of Organisms > Populations > Explore > Core Interactive Text page 2 > Hands-On Activity: Carrying Capacity	https://app.discoveryeducation.com/player/view/assetGuid/52519ed5-0b15-4030-809d-92df71764285
SC.7.L.17.3	Describe and investigate various limiting factors in the local ecosystem and their impact on native populations, including food, shelter, water, space, disease, parasitism, predation, and nesting sites.	Populations Comprehensive Science 2 - Florida (2017) > Life Science > Interdependence of Organisms > Populations > Explore > Explore More Resources > Hands-On Lab: Surveying and Comparing Populations	https://app.discoveryeducation.com/player/view/assetGuid/bca6fa6d-c158-4f0a-ab67-fd084b6645a3

2016-2017 STATE OF FLORIDA INSTRUCTIONAL MATERIALS ADOPTION
STANDARDS ALIGNMENT
COURSE STANDARDS/BENCHMARKS (Form IM7)

BENCHMARK CODE	BENCHMARK	LESSONS WHERE STANDARD/BENCHMARK IS DIRECTLY ADDRESSED IN MAJOR TOOL (MOST IN-DEPTH COVERAGE LISTED FIRST)	
SC.7.N.1.5	Describe the methods used in the pursuit of a scientific explanation as seen in different fields of science such as biology, geology, and physics.	Darwin and Natural Selection Comprehensive Science 2 - Florida (2017) > Life Science > Evolutionary Theory > Darwin and Natural Selection> Elaborate with STEM > STEM in Action: What Is Natural History?	https://app.discoveryeducation.com/learn/techbook/units/21b174a7-6bb0-439a-b41c-a8987b1a08ae/concepts/bb6f4f76-e8cf-44cb-9e94-7a9da3e2ecac/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f
SC.7.N.1.5	Describe the methods used in the pursuit of a scientific explanation as seen in different fields of science such as biology, geology, and physics.	Mendel and Heredity Comprehensive Science 2 - Florida (2017) - Florida (2017) > Human Systems > Heredity and Reproduction >Mendel and Heredity > Elaborate with STEM > STEM in Action: Careers in Genetics	https://app.discoveryeducation.com/learn/techbook/units/a514f95e-f65f-4d61-b6de-1aed12005b74/concepts/5e430ddc-9c3f-4231-9368-7c7b47a10b4b/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/88e9f9ed-480b-4d05-bb47-f6d4e786400b
SC.7.N.1.5	Describe the methods used in the pursuit of a scientific explanation as seen in different fields of science such as biology, geology, and physics.	Relationships Among Organisms Comprehensive Science 2 - Florida (2017) > Life Science > Interdependence of Organisms > Relationships among Organisms > Elaborate with STEM > STEM in Action: Polar Bears on Ice	https://app.discoveryeducation.com/learn/techbook/units/850f536d-1c04-4ac7-9d23-2969c95230e7/concepts/57ee83ba-63ff-4eec-b3eb-b62c61c8d63d/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f
SC.7.N.1.6	Explain that empirical evidence is the cumulative body of observations of a natural phenomenon on which scientific explanations are based.	Darwin and Natural Selection Comprehensive Science 2 - Florida (2017) > Life Science > Evolutionary Theory > Darwin and Natural Selection> Explore > Core Interactive Text page 1 > Reading Passage: Variety Is the Spice of Life	https://app.discoveryeducation.com/player/view/assetGuid/c3f7062f-6c33-4400-bba4-4b59cb6efc17
SC.7.N.1.6	Explain that scientific knowledge is the result of a great deal of debate and confirmation within the science community.	Factors That Influence Human Growth and Development Comprehensive Science 2 - Florida (2017) > Life Science > Heredity and Reproduction > Factors the Influence Human Growth and Development> Explore > Explore More Resources > Reading Passage: Gene Facts and Figures	https://app.discoveryeducation.com/player/view/assetGuid/77fd5cfb-64a1-4ece-a049-c63e5b91adcc
SC.7.N.1.7	Explain that scientific knowledge is the result of a great deal of debate and confirmation within the science community.	Trophic Relationships Comprehensive Science 2 - Florida (2017) > Life Science > Interdependence of Organisms > Trophic Relationships > Elaborate with STEM > STEM Project Starters page 1 > Project: History and the People of Ecology > Reading Passage: Spigot Science: Ecosystems: Scientists Are People Too	https://app.discoveryeducation.com/player/view/assetGuid/8B4A299F-9D93-40A1-9A00-482E6E03172F
SC.7.N.2.1	Identify an instance from the history of science in which scientific knowledge has changed when new evidence or new interpretations are encountered.	Darwin and Natural Selection Comprehensive Science 2 - Florida (2017) > Life Science > Evolutionary Theory > Darwin and Natural Selection> Explore > Explore More Resources > Reading Passage: Variety Is the Spice of Life	https://app.discoveryeducation.com/player/view/assetGuid/c3f7062f-6c33-4400-bba4-4b59cb6efc17

2016-2017 STATE OF FLORIDA INSTRUCTIONAL MATERIALS ADOPTION
STANDARDS ALIGNMENT
COURSE STANDARDS/BENCHMARKS (Form IM7)

BENCHMARK CODE	BENCHMARK	LESSONS WHERE STANDARD/BENCHMARK IS DIRECTLY ADDRESSED IN MAJOR TOOL (MOST IN-DEPTH COVERAGE LISTED FIRST)	
SC.7.N.2.1	Identify an instance from the history of science in which scientific knowledge has changed when new evidence or new interpretations are encountered.	Mendel and Heredity Comprehensive Science 2 - Florida (2017) > Life Science > Heredity and Reproduction > Mendel and Heredity> Explore > Explore More Resources > Reading Passage: True Gene-ius	https://app.discoveryeducation.com/player/view/assetGuid/44af8964-6c1b-47a8-b994-2dc608b4c49e
SC.7.N.3.1	Recognize and explain the difference between theories and laws and give several examples of scientific theories and the evidence that supports them.	Darwin and Natural Selection Comprehensive Science 2 - Florida (2017) > Life Science > Evolutionary Theory > Darwin and Natural Selection> Explore > Core Interactive Text page 1 > Reading Passage: Variety Is the Spice of Life	https://app.discoveryeducation.com/player/view/assetGuid/c3f7062f-6c33-4400-bba4-4b59cb6efc17
SC.7.N.3.2	Identify the benefits and limitations of the use of scientific models.	Darwin and Natural Selection Comprehensive Science 2 - Florida (2017) > Life Science > Evolutionary Theory > Darwin and Natural Selection> Elaborate with STEM > STEM Project Starters page 1 > Project: Scientific Illustration	https://app.discoveryeducation.com/learn/techbook/units/21b174a7-6bb0-439a-b41c-a8987b1a08ae/concepts/bb6f4f76-e8cf-44cb-9e94-7a9da3e2ecac/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/86e93530-aec7-4289-a773-7d0c9175b1b4
SC.7.N.3.2	Identify the benefits and limitations of the use of scientific models.	Genes Comprehensive Science 2 - Florida (2017) > Life Science > Heredity and Reproduction > Genes > Explore > Explore More Resources > Hands-On Activity: Translating a Code	https://app.discoveryeducation.com/player/view/assetGuid/edb0d7b1-05bd-44e6-91c8-93a12435f0ca
SC.7.N.3.2	Identify the benefits and limitations of the use of scientific models.	Mendel and Heredity Comprehensive Science 2 - Florida (2017) > Life Science > Heredity and Reproduction > Mendel and Heredity > Explore > Explore More Resources > Hands-On Activity: Punnett: Live	https://app.discoveryeducation.com/player/view/assetGuid/ef8186c4-d467-4af4-89ad-e6c3179acd4c
	LAFS.6.SL.1.1b: Follow rules for collegial discussions, set specific goals and deadlines, and define individual roles as needed.	Darwin and Natural Selection Comprehensive Science 2 - Florida (2017) > Life Science > Evolutionary Theory > Darwin and Natural Selection > Explore > CIT page 3	https://app.discoveryeducation.com/learn/techbook/units/21b174a7-6bb0-439a-b41c-a8987b1a08ae/concepts/bb6f4f76-e8cf-44cb-9e94-7a9da3e2ecac/tabs/759da9a7-2edf-4cde-9515-7081ca990764/pages/163c419b-7962-4751-bc1b-3b3140d0acdd
	LAFS.6.SL.1.1c: Pose and respond to specific questions with elaboration and detail by making comments that contribute to the topic, text, or issue under discussion.	Darwin and Natural Selection Comprehensive Science 2 - Florida (2017) > Life Science > Evolutionary Theory > Darwin and Natural Selection > Explore > CIT page 3	https://app.discoveryeducation.com/learn/techbook/units/21b174a7-6bb0-439a-b41c-a8987b1a08ae/concepts/bb6f4f76-e8cf-44cb-9e94-7a9da3e2ecac/tabs/759da9a7-2edf-4cde-9515-7081ca990764/pages/163c419b-7962-4751-bc1b-3b3140d0acdd
	LAFS.6.SL.1.1d: Review the key ideas expressed and demonstrate understanding of multiple perspectives through reflection and paraphrasing.	Darwin and Natural Selection Comprehensive Science 2 - Florida (2017) > Life Science > Evolutionary Theory > Darwin and Natural Selection > Explore > CIT page 3	https://app.discoveryeducation.com/learn/techbook/units/21b174a7-6bb0-439a-b41c-a8987b1a08ae/concepts/bb6f4f76-e8cf-44cb-9e94-7a9da3e2ecac/tabs/759da9a7-2edf-4cde-9515-7081ca990764/pages/163c419b-7962-4751-bc1b-3b3140d0acdd

2016-2017 STATE OF FLORIDA INSTRUCTIONAL MATERIALS ADOPTION
STANDARDS ALIGNMENT
COURSE STANDARDS/BENCHMARKS (Form IM7)

BENCHMARK CODE	BENCHMARK	LESSONS WHERE STANDARD/BENCHMARK IS DIRECTLY ADDRESSED IN MAJOR TOOL (MOST IN-DEPTH COVERAGE LISTED FIRST)	
LAFS.68.RST.1.1	Cite specific textual evidence to support analysis of science and technical texts.	Populations Comprehensive Science 2 - Florida (2017) > Life Science > Interdependence of Organisms > Populations > Explore > Explore More Resources > Reading Passage: Classifying Life at Hydrothermal Vent	https://app.discoveryeducation.com/player/view/assetGuid/c5d1b258-2cac-4b11-883d-915a0f89efd1
LAFS.68.RST.1.1	Cite specific textual evidence to support analysis of science and technical texts.	Darwin and Natural Selection Comprehensive Science 2 - Florida (2017) > Life Science > Evolutionary Theory > Darwin and Natural Selection> Explore > Core Interactive Text page 1 > Reading Passage: Variety Is the Spice of Life	https://app.discoveryeducation.com/player/view/assetGuid/c3f7062f-6c33-4400-bba4-4b59cb6efc17
LAFS.68.RST.1.2	Determine the central ideas or conclusions of a text; provide an accurate summary of the text distinct from prior knowledge or opinions.	Populations Comprehensive Science 2 - Florida (2017) > Life Science > Interdependence of Organisms > Populations > Explore > Explore More Resources > Reading Passage: Classifying Life at Hydrothermal Vent	https://app.discoveryeducation.com/player/view/assetGuid/c5d1b258-2cac-4b11-883d-915a0f89efd1
LAFS.68.RST.1.2	Determine the central ideas or conclusions of a text; provide an accurate summary of the text distinct from prior knowledge or opinions.	Asexual Comprehensive Science 2 - Florida (2017) > Life Science > Heredity and Reproduction > Asexual> Elaborate with STEM > STEM Project Starters page 2 > Project: Engineering a Better Banana	https://app.discoveryeducation.com/learn/techbook/units/a514f95e-f65f-4d61-b6de-1aed12005b74/concepts/d5574736-7f6a-4687-98c7-a8adb83be60f/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/7c8e4469-8664-4b1d-9a80-e8eb08016b56
LAFS.68.RST.1.2	Determine the central ideas or conclusions of a text; provide an accurate summary of the text distinct from prior knowledge or opinions.	Darwin and Natural Selection Comprehensive Science 2 - Florida (2017) > Life Science > Evolutionary Theory > Darwin and Natural Selection> Explore > Core Interactive Text page 1 > Reading Passage: Variety Is the Spice of Life	https://app.discoveryeducation.com/player/view/assetGuid/c3f7062f-6c33-4400-bba4-4b59cb6efc17
LAFS.68.RST.2.4	Determine the meaning of symbols, key terms, and other domain-specific words and phrases as they are used in a specific scientific or technical context relevant to grades 6–8 texts and topics.	Relationships Among Organisms Comprehensive Science 2 - Florida (2017) > Life Science > Interdependence of Organisms > Relationships among Organisms > Explore > Explore More Resources > Reading Passage: Can't We All Just Get Along--Relationships in the Ecosystem	https://app.discoveryeducation.com/player/view/assetGuid/c75123c9-9d9e-4250-b3d3-611fac9770c7
LAFS.68.RST.2.4	Determine the meaning of symbols, key terms, and other domain-specific words and phrases as they are used in a specific scientific or technical context relevant to grades 6–8 texts and topics.	Asexual Comprehensive Science 2 - Florida (2017) > Life Science > Heredity and Reproduction > Asexual> Explore > Explore More Resources > Reading Passage: No Boys Allowed: Parthenogenesis in Nature	https://app.discoveryeducation.com/player/view/assetGuid/8919b398-6874-4f73-aa8a-1e6f3c293c47

2016-2017 STATE OF FLORIDA INSTRUCTIONAL MATERIALS ADOPTION
STANDARDS ALIGNMENT
COURSE STANDARDS/BENCHMARKS (Form IM7)

BENCHMARK CODE	BENCHMARK	LESSONS WHERE STANDARD/BENCHMARK IS DIRECTLY ADDRESSED IN MAJOR TOOL (MOST IN-DEPTH COVERAGE LISTED FIRST)	
LAFS.68.RST.2.5	Analyze the structure an author uses to organize a text, including how the major sections contribute to the whole and to an understanding of the topic.	Over-Exploitation of Resources Comprehensive Science 2 - Florida (2017) > Life Science > Interdependence of Organisms > Over-Exploitation of Resources > Explore > Explore More Resources > Reading Passage: Getting Involved in Environmental Issues	https://app.discoveryeducation.com/player/view/assetGuid/810af6a5-8643-45e9-ac15-738fb9c5ee2b
LAFS.68.RST.2.5	Analyze the structure an author uses to organize a text, including how the major sections contribute to the whole and to an understanding of the topic.	Asexual Comprehensive Science 2 - Florida (2017) > Life Science > Heredity and Reproduction > Asexual> Explore > Explore More Resources > Reading Passage: No Boys Allowed: Parthenogenesis in Nature	https://app.discoveryeducation.com/player/view/assetGuid/8919b398-6874-4f73-aa8a-1e6f3c293c47
LAFS.68.RST.2.6	Analyze the author's purpose in providing an explanation, describing a procedure, or discussing an experiment in a text.	Asexual Grade 6-8 Life Science - Florida (2017) > Human Systems > Heredity and Reproduction > Genetic Traits and Reproduction > Asexual > Elaborate with STEM > STEM in Action: Genetic Engineering and Agriculture	https://app.discoveryeducation.com/learn/techbook/units/a514f95e-f65f-4d61-b6de-1aed12005b74/concepts/d5574736-7f6a-4687-98c7-a8adb83be60f/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/2d1b976f-8485-44f9-982e-0ff2cd865b75
LAFS.68.RST.2.6	Analyze the author's purpose in providing an explanation, describing a procedure, or discussing an experiment in a text.	Darwin and Natural Selection Comprehensive Science 2 - Florida (2017) > Life Science > Evolutionary Theory > Darwin and Natural Selection> Elaborate with STEM > STEM in Action: What Is Natural History?	https://app.discoveryeducation.com/learn/techbook/units/21b174a7-6bb0-439a-b41c-a8987b1a08ae/concepts/bb6f4f76-e8cf-44cb-9e94-7a9da3e2ecac/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f
LAFS.68.RST.3.7	Integrate quantitative or technical information expressed in words in a text with a version of that information expressed visually (e.g., in a flowchart, diagram, model, graph, or table).	Asexual Comprehensive Science 2 - Florida (2017) > Life Science> Heredity and Reproduction > Asexual > Explore > Explore More Resources > Hands-On Activity: Watching Yeast Grow	https://app.discoveryeducation.com/player/view/assetGuid/b67b21cd-e89f-47fb-9bd2-40047a9c526e
LAFS.68.RST.3.7	Integrate quantitative or technical information expressed in words in a text with a version of that information expressed visually (e.g., in a flowchart, diagram, model, graph, or table).	Populations Comprehensive Science 2 - Florida (2017) > Life Science > Interdependence of Organisms > Populations > Explore > Explore More Resources > Reading Passage: Classifying Life at Hydrothermal Vent	https://app.discoveryeducation.com/player/view/assetGuid/c5d1b258-2cac-4b11-883d-915a0f89efd1
LAFS.68.WHST.1.1	Write arguments focused on *discipline-specific content.*	Influencing Inheritance Comprehensive Science 2 - Florida (2017) > Life Science > Heredity and Reproduction > Influencing Inheritance > Elaborate with STEM > STEM Project Starters page 2 > Project: GMO Cost/Benefit Analysis	https://app.discoveryeducation.com/learn/techbook/units/a514f95e-f65f-4d61-b6de-1aed12005b74/concepts/e089ae91-f680-4352-964f-7ed5dd76ea3f/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/4c91526f-e9b5-42a4-9bf6-e0f1eafd28cc

2016-2017 STATE OF FLORIDA INSTRUCTIONAL MATERIALS ADOPTION
STANDARDS ALIGNMENT
COURSE STANDARDS/BENCHMARKS (Form IM7)

BENCHMARK CODE	BENCHMARK	LESSONS WHERE STANDARD/BENCHMARK IS DIRECTLY ADDRESSED IN MAJOR TOOL (MOST IN-DEPTH COVERAGE LISTED FIRST)	
LAFS.68.WHST.1.1	a. Introduce claim(s) about a topic or issue, acknowledge and distinguish the claim(s) from alternate or opposing claims, and organize the reasons and evidence logically.	Overpopulation Comprehensive Science 2 - Florida (2017) - Florida (2017) > Environments and Change > Interdependence of Organisms > Overpopulation > Explain	https://app.discoveryeducation.com/learn/techbook/units/850f536d-1c04-4ac7-9d23-2969c95230e7/concepts/c029feee-6231-4a8f-8249-a5610d637682/tabs/0df56444-5400-41eb-a6ce-de52b7efb950
LAFS.68.WHST.1.1	b. Support claim(s) with logical reasoning and relevant, accurate data and evidence that demonstrate an understanding of the topic or text, using credible sources.	Overpopulation Comprehensive Science 2 - Florida (2017) - Florida (2017) > Environments and Change > Interdependence of Organisms > Overpopulation > Explain	https://app.discoveryeducation.com/learn/techbook/units/850f536d-1c04-4ac7-9d23-2969c95230e7/concepts/c029feee-6231-4a8f-8249-a5610d637682/tabs/0df56444-5400-41eb-a6ce-de52b7efb950
LAFS.68.WHST.1.1	c. Use words, phrases, and clauses to create cohesion and clarify the relationships among claim(s), counterclaims, reasons, and evidence.	Overpopulation Comprehensive Science 2 - Florida (2017) - Florida (2017) > Environments and Change > Interdependence of Organisms > Overpopulation > Explain	https://app.discoveryeducation.com/learn/techbook/units/850f536d-1c04-4ac7-9d23-2969c95230e7/concepts/c029feee-6231-4a8f-8249-a5610d637682/tabs/0df56444-5400-41eb-a6ce-de52b7efb950
LAFS.68.WHST.1.1	d. Establish and maintain a formal style.	Overpopulation Comprehensive Science 2 - Florida (2017) - Florida (2017) > Environments and Change > Interdependence of Organisms > Overpopulation > Explain	https://app.discoveryeducation.com/learn/techbook/units/850f536d-1c04-4ac7-9d23-2969c95230e7/concepts/c029feee-6231-4a8f-8249-a5610d637682/tabs/0df56444-5400-41eb-a6ce-de52b7efb950
LAFS.68.WHST.1.1	e. Provide a concluding statement or section that follows from and supports the argument presented.	Overpopulation Comprehensive Science 2 - Florida (2017) - Florida (2017) > Environments and Change > Interdependence of Organisms > Overpopulation > Explain	https://app.discoveryeducation.com/learn/techbook/units/850f536d-1c04-4ac7-9d23-2969c95230e7/concepts/c029feee-6231-4a8f-8249-a5610d637682/tabs/0df56444-5400-41eb-a6ce-de52b7efb950
LAFS.68.WHST.1.1	Write arguments focused on *discipline-specific content.*	Populations Comprehensive Science 2 - Florida (2017) > Life Science > Interdependence of Organisms > Populations > Elaborate with STEM > STEM Project Starters page 3 > Project: Don't Bug Me, Please	https://app.discoveryeducation.com/learn/techbook/units/850f536d-1c04-4ac7-9d23-2969c95230e7/concepts/968fc1d0-9b4a-4526-800c-8227164e90d0/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/594d3d93-8ad9-41ea-9c31-2a8fce495a17
LAFS.68.WHST.1.1	Write arguments focused on *discipline-specific content.*	Sexual Comprehensive Science 2 - Florida (2017) > Life Science > Heredity and Reproduction > Sexual> Explore > Core Interactive Text page 3 > Which Is Best?	https://app.discoveryeducation.com/learn/techbook/units/a514f95e-f65f-4d61-b6de-1aed12005b74/concepts/febe1fa5-3c74-4a79-a08a-8c0670e5e6e9/tabs/759da9a7-2edf-4cde-9515-7081ca990764/pages/98d7722b-e3c4-4788-be6e-28772bde81e3
LAFS.68.WHST.1.2	Write informative/explanatory texts, including the narration of historical events, scientific procedures/ experiments, or technical processes.	Asexual Grade 6-8 Life Science - Florida (2017) > Human Systems > Heredity and Reproduction > Genetic Traits and Reproduction > Asexual > Elaborate with STEM > STEM Project Starters page 1 > Project: How Many Copies Are There?	https://app.discoveryeducation.com/learn/techbook/units/a514f95e-f65f-4d61-b6de-1aed12005b74/concepts/d5574736-7f6a-4687-98c7-a8adb83be60f/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/7e14975d-c74c-42d7-b5f2-4dcca69837b9

2016-2017 STATE OF FLORIDA INSTRUCTIONAL MATERIALS ADOPTION
STANDARDS ALIGNMENT
COURSE STANDARDS/BENCHMARKS (Form IM7)

BENCHMARK CODE	BENCHMARK	LESSONS WHERE STANDARD/BENCHMARK IS DIRECTLY ADDRESSED IN MAJOR TOOL (MOST IN-DEPTH COVERAGE LISTED FIRST)	
LAFS.68.WHST.1.2	a. Introduce a topic clearly, previewing what is to follow; organize ideas, concepts, and information into broader categories as appropriate to achieving purpose; include formatting (e.g., headings), graphics (e.g., charts, tables), and multimedia when useful to aiding comprehension.	Influencing Inheritance Comprehensive Science 2 - Florida (2017) > Life Science > Heredity and Reproduction > Influencing Inheritance > Elaborate with STEM > STEM Project Starters page 2 > Project: GMO Cost/Benefit Analysis	https://app.discoveryeducation.com/learn/techbook/units/a514f95e-f65f-4d61-b6de-1aed12005b74/concepts/e089ae91-f680-4352-964f-7ed5dd76ea3f/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/4c91526f-e9b5-42a4-9bf6-e0f1eafd28cc
LAFS.68.WHST.1.2	b. Develop the topic with relevant, well-chosen facts, definitions, concrete details, quotations, or other information and examples.	Influencing Inheritance Comprehensive Science 2 - Florida (2017) > Life Science > Heredity and Reproduction > Influencing Inheritance > Elaborate with STEM > STEM Project Starters page 2 > Project: GMO Cost/Benefit Analysis	https://app.discoveryeducation.com/learn/techbook/units/a514f95e-f65f-4d61-b6de-1aed12005b74/concepts/e089ae91-f680-4352-964f-7ed5dd76ea3f/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/4c91526f-e9b5-42a4-9bf6-e0f1eafd28cc
LAFS.68.WHST.1.2	c. Use appropriate and varied transitions to create cohesion and clarify the relationships among ideas and concepts.	Influencing Inheritance Comprehensive Science 2 - Florida (2017) > Life Science > Heredity and Reproduction > Influencing Inheritance > Elaborate with STEM > STEM Project Starters page 2 > Project: GMO Cost/Benefit Analysis	https://app.discoveryeducation.com/learn/techbook/units/a514f95e-f65f-4d61-b6de-1aed12005b74/concepts/e089ae91-f680-4352-964f-7ed5dd76ea3f/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/4c91526f-e9b5-42a4-9bf6-e0f1eafd28cc
LAFS.68.WHST.1.2	d. Use precise language and domain-specific vocabulary to inform about or explain the topic.	Influencing Inheritance Comprehensive Science 2 - Florida (2017) > Life Science > Heredity and Reproduction > Influencing Inheritance > Elaborate with STEM > STEM Project Starters page 2 > Project: GMO Cost/Benefit Analysis	https://app.discoveryeducation.com/learn/techbook/units/a514f95e-f65f-4d61-b6de-1aed12005b74/concepts/e089ae91-f680-4352-964f-7ed5dd76ea3f/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/4c91526f-e9b5-42a4-9bf6-e0f1eafd28cc
LAFS.68.WHST.1.2	e. Establish and maintain a formal style and objective tone.	Influencing Inheritance Comprehensive Science 2 - Florida (2017) > Life Science > Heredity and Reproduction > Influencing Inheritance > Elaborate with STEM > STEM Project Starters page 2 > Project: GMO Cost/Benefit Analysis	https://app.discoveryeducation.com/learn/techbook/units/a514f95e-f65f-4d61-b6de-1aed12005b74/concepts/e089ae91-f680-4352-964f-7ed5dd76ea3f/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/4c91526f-e9b5-42a4-9bf6-e0f1eafd28cc
LAFS.68.WHST.1.2	f. Provide a concluding statement or section that follows from and supports the information or explanation presented.	Influencing Inheritance Comprehensive Science 2 - Florida (2017) > Life Science > Heredity and Reproduction > Influencing Inheritance > Elaborate with STEM > STEM Project Starters page 2 > Project: GMO Cost/Benefit Analysis	https://app.discoveryeducation.com/learn/techbook/units/a514f95e-f65f-4d61-b6de-1aed12005b74/concepts/e089ae91-f680-4352-964f-7ed5dd76ea3f/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/4c91526f-e9b5-42a4-9bf6-e0f1eafd28cc

2016-2017 STATE OF FLORIDA INSTRUCTIONAL MATERIALS ADOPTION
STANDARDS ALIGNMENT
COURSE STANDARDS/BENCHMARKS (Form IM7)

BENCHMARK CODE	BENCHMARK	LESSONS WHERE STANDARD/BENCHMARK IS DIRECTLY ADDRESSED IN MAJOR TOOL (MOST IN-DEPTH COVERAGE LISTED FIRST)	
LAFS.68.WHST.1.2	a. Introduce a topic clearly, previewing what is to follow; organize ideas, concepts, and information into broader categories as appropriate to achieving purpose; include formatting (e.g., headings), graphics (e.g., charts, tables), and multimedia when useful to aiding comprehension.	Darwin and Natural Selection Comprehensive Science 2 - Florida (2017) > Life Science > Evolutionary Theory > Darwin and Natural Selection> Elaborate with STEM > STEM Project Starter 2 > What Did Darwin Do?	https://app.discoveryeducation.com/learn/techbook/units/21b174a7-6bb0-439a-b41c-a8987b1a08ae/concepts/bb6f4f76-e8cf-44cb-9e94-7a9da3e2ecac/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/7c74415f-77b5-48fd-8c42-d4b5a5a47d5f
LAFS.68.WHST.1.2	b. Develop the topic with relevant, well-chosen facts, definitions, concrete details, quotations, or other information and examples.	Darwin and Natural Selection Comprehensive Science 2 - Florida (2017) > Life Science > Evolutionary Theory > Darwin and Natural Selection> Elaborate with STEM > STEM Project Starter 2 > What Did Darwin Do?	https://app.discoveryeducation.com/learn/techbook/units/21b174a7-6bb0-439a-b41c-a8987b1a08ae/concepts/bb6f4f76-e8cf-44cb-9e94-7a9da3e2ecac/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/7c74415f-77b5-48fd-8c42-d4b5a5a47d5f
LAFS.68.WHST.1.2	c. Use appropriate and varied transitions to create cohesion and clarify the relationships among ideas and concepts.	Darwin and Natural Selection Comprehensive Science 2 - Florida (2017) > Life Science > Evolutionary Theory > Darwin and Natural Selection> Elaborate with STEM > STEM Project Starter 2 > What Did Darwin Do?	https://app.discoveryeducation.com/learn/techbook/units/21b174a7-6bb0-439a-b41c-a8987b1a08ae/concepts/bb6f4f76-e8cf-44cb-9e94-7a9da3e2ecac/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/7c74415f-77b5-48fd-8c42-d4b5a5a47d5f
LAFS.68.WHST.1.2	d. Use precise language and domain-specific vocabulary to inform about or explain the topic.	Darwin and Natural Selection Comprehensive Science 2 - Florida (2017) > Life Science > Evolutionary Theory > Darwin and Natural Selection> Elaborate with STEM > STEM Project Starter 2 > What Did Darwin Do?	https://app.discoveryeducation.com/learn/techbook/units/21b174a7-6bb0-439a-b41c-a8987b1a08ae/concepts/bb6f4f76-e8cf-44cb-9e94-7a9da3e2ecac/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/7c74415f-77b5-48fd-8c42-d4b5a5a47d5f
LAFS.68.WHST.1.2	e. Establish and maintain a formal style and objective tone.	Darwin and Natural Selection Comprehensive Science 2 - Florida (2017) > Life Science > Evolutionary Theory > Darwin and Natural Selection> Elaborate with STEM > STEM Project Starter 2 > What Did Darwin Do?	https://app.discoveryeducation.com/learn/techbook/units/21b174a7-6bb0-439a-b41c-a8987b1a08ae/concepts/bb6f4f76-e8cf-44cb-9e94-7a9da3e2ecac/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/7c74415f-77b5-48fd-8c42-d4b5a5a47d5f
LAFS.68.WHST.1.2	f. Provide a concluding statement or section that follows from and supports the information or explanation presented.	Darwin and Natural Selection Comprehensive Science 2 - Florida (2017) > Life Science > Evolutionary Theory > Darwin and Natural Selection> Elaborate with STEM > STEM Project Starter 2 > What Did Darwin Do?	https://app.discoveryeducation.com/learn/techbook/units/21b174a7-6bb0-439a-b41c-a8987b1a08ae/concepts/bb6f4f76-e8cf-44cb-9e94-7a9da3e2ecac/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/7c74415f-77b5-48fd-8c42-d4b5a5a47d5f
LAFS.68.WHST.1.2	Write informative/explanatory texts, including the narration of historical events, scientific procedures/ experiments, or technical processes.	Relationships Among Organisms Comprehensive Science 2 - Florida (2017) > Life Science > Interdependence of Organisms > Relationships among Organisms > Elaborate with STEM > STEM Project Starters page 2 > Project: Nature's Design	https://app.discoveryeducation.com/learn/techbook/units/850f536d-1c04-4ac7-9d23-2969c95230e7/concepts/57ee83ba-63ff-4eec-b3eb-b62c61c8d63d/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/53f6a3eb-7227-4f25-b79c-2795800c4c98

2016-2017 STATE OF FLORIDA INSTRUCTIONAL MATERIALS ADOPTION
STANDARDS ALIGNMENT
COURSE STANDARDS/BENCHMARKS (Form IM7)

BENCHMARK CODE	BENCHMARK	LESSONS WHERE STANDARD/BENCHMARK IS DIRECTLY ADDRESSED IN MAJOR TOOL (MOST IN-DEPTH COVERAGE LISTED FIRST)	
LAFS.68.WHST.2.4	Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience.	Trophic Relationships Comprehensive Science 2 - Florida (2017) > Life Science > Interdependence of Organisms > Trophic Relationships > Elaborate with STEM > STEM Project Starters page 3 > Project: Will Hunt for Food	https://app.discoveryeducation.com/learn/techbook/units/850f536d-1c04-4ac7-9d23-2969c95230e7/concepts/9f843ca4-e34e-46aa-9001-1ca12a901506/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/db5037f5-047d-4cc1-9d1b-5e1667a5ae8f
LAFS.68.WHST.2.4	Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience.	Darwin and Natural Selection Comprehensive Science 2 - Florida (2017) > Life Science > Evolutionary Theory > Darwin and Natural Selection> Elaborate with STEM > STEM Project Starter 2 > What Did Darwin Do?	https://app.discoveryeducation.com/learn/techbook/units/21b174a7-6bb0-439a-b41c-a8987b1a08ae/concepts/bb6f4f76-e8cf-44cb-9e94-7a9da3e2ecac/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/7c74415f-77b5-48fd-8c42-d4b5a5a47d5f
LAFS.68.WHST.2.5	With some guidance and support from peers and adults, develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach, focusing on how well purpose and audience have been addressed.	Relationships Among Organisms Comprehensive Science 2 - Florida (2017) > Life Science > Interdependence of Organisms > Relationships among Organisms > Elaborate with STEM > STEM Project Starters page 2 > Project: Nature's Design	https://app.discoveryeducation.com/learn/techbook/units/850f536d-1c04-4ac7-9d23-2969c95230e7/concepts/57ee83ba-63ff-4eec-b3eb-b62c61c8d63d/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/53f6a3eb-7227-4f25-b79c-2795800c4c98
LAFS.68.WHST.2.5	With some guidance and support from peers and adults, develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach, focusing on how well purpose and audience have been addressed.	Darwin and Natural Selection Comprehensive Science 2 - Florida (2017) > Life Science > Evolutionary Theory > Darwin and Natural Selection> Elaborate with STEM > STEM Project Starter 2 > What Did Darwin Do?	https://app.discoveryeducation.com/learn/techbook/units/21b174a7-6bb0-439a-b41c-a8987b1a08ae/concepts/bb6f4f76-e8cf-44cb-9e94-7a9da3e2ecac/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/7c74415f-77b5-48fd-8c42-d4b5a5a47d5f
LAFS.68.WHST.2.6	Use technology, including the Internet, to produce and publish writing and present the relationships between information and ideas clearly and efficiently.	Darwin and Natural Selection Comprehensive Science 2 - Florida (2017) > Life Science > Evolutionary Theory > Darwin and Natural Selection> Elaborate with STEM > STEM Project Starter 2 > What Did Darwin Do?	https://app.discoveryeducation.com/learn/techbook/units/21b174a7-6bb0-439a-b41c-a8987b1a08ae/concepts/bb6f4f76-e8cf-44cb-9e94-7a9da3e2ecac/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/7c74415f-77b5-48fd-8c42-d4b5a5a47d5f
LAFS.68.WHST.3.7	Conduct short research projects to answer a question (including a self-generated question), drawing on several sources and generating additional related, focused questions that allow for multiple avenues of exploration.	Habitat Destruction Comprehensive Science 2 - Florida (2017) > Life Science > Interdependance of Organisms > Habitat Destruction > Elaborate with STEM > STEM Project Starters page 2 > Project: Examining Habitat Loss	https://app.discoveryeducation.com/learn/techbook/units/850f536d-1c04-4ac7-9d23-2969c95230e7/concepts/1f143599-a822-44e5-a60a-061a0641d827/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/e0589aa8-6af4-4580-8b8d-7687f32232bb

2016-2017 STATE OF FLORIDA INSTRUCTIONAL MATERIALS ADOPTION
STANDARDS ALIGNMENT
COURSE STANDARDS/BENCHMARKS (Form IM7)

BENCHMARK CODE	BENCHMARK	LESSONS WHERE STANDARD/BENCHMARK IS DIRECTLY ADDRESSED IN MAJOR TOOL (MOST IN-DEPTH COVERAGE LISTED FIRST)	
LAFS.68.WHST.3.8	Gather relevant information from multiple print and digital sources, using search terms effectively; assess the credibility and accuracy of each source; and quote or paraphrase the data and conclusions of others while avoiding plagiarism and following a standard format for citation.	Factors That Influence Human Growth and Development Comprehensive Science 2 - Florida (2017) > Life Science > Heredity and Reproduction > Factors the Influence Human Growth and Development> Elaborate with STEM > STEM in Action: Finding a Killer Gene	https://app.discoveryeducation.com/learn/techbook/units/a514f95e-f65f-4d61-b6de-1aed12005b74/concepts/219c9bb7-7775-4005-bdd5-e700be2723d5/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/eed20b2d-c7ef-4a3c-a873-7bd13e1ee780
LAFS.68.WHST.3.8	Gather relevant information from multiple print and digital sources, using search terms effectively; assess the credibility and accuracy of each source; and quote or paraphrase the data and conclusions of others while avoiding plagiarism and following a standard format for citation.	Darwin and Natural Selection Comprehensive Science 2 - Florida (2017) > Life Science > Evolutionary Theory > Darwin and Natural Selection> Elaborate with STEM > STEM Project Starter 2 > What Did Darwin Do?	https://app.discoveryeducation.com/learn/techbook/units/21b174a7-6bb0-439a-b41c-a8987b1a08ae/concepts/bb6f4f76-e8cf-44cb-9e94-7a9da3e2ecac/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/7c74415f-77b5-48fd-8c42-d4b5a5a47d5f
LAFS.68.WHST.3.8	Gather relevant information from multiple print and digital sources, using search terms effectively; assess the credibility and accuracy of each source; and quote or paraphrase the data and conclusions of others while avoiding plagiarism and following a standard format for citation.	Factors That Influence Human Growth and Development Comprehensive Science 2 - Florida (2017) > Life Science > Heredity and Reproduction > Factors the Influence Human Growth and Development> Explore > Explore More Resources > Hands-On Activity: Healthy Living Campaign	https://app.discoveryeducation.com/player/view/assetGuid/66886dbe-bfb2-4f01-a55e-5d77a3ff6ed1
LAFS.68.WHST.3.9	Draw evidence from informational texts to support analysis reflection, and research.	Factors That Influence Human Growth and Development Comprehensive Science 2 - Florida (2017) > Life Science > Heredity and Reproduction > Factors the Influence Human Growth and Development> Elaborate with STEM > STEM Project Starters page 2 > Project: Gene Therapy	https://app.discoveryeducation.com/learn/techbook/units/a514f95e-f65f-4d61-b6de-1aed12005b74/concepts/219c9bb7-7775-4005-bdd5-e700be2723d5/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/23e70491-2110-4695-aa43-108b9c8c0031
HE.7.C.1.3	Analyze how environmental factors affect personal health.	Factors That Influence Human Growth and Development Comprehensive Science 2 - Florida (2017) > Life Science > Heredity and Reproduction > Factors the Influence Human Growth and Development> Explore > Core Interactive Text page 2	https://app.discoveryeducation.com/learn/techbook/units/a514f95e-f65f-4d61-b6de-1aed12005b74/concepts/219c9bb7-7775-4005-bdd5-e700be2723d5/tabs/759da9a7-2edf-4cde-9515-7081ca990764/pages/608db359-d226-4e5f-975a-23f458ce0451

2016-2017 STATE OF FLORIDA INSTRUCTIONAL MATERIALS ADOPTION
STANDARDS ALIGNMENT
COURSE STANDARDS/BENCHMARKS (Form IM7)

BENCHMARK CODE	BENCHMARK	LESSONS WHERE STANDARD/BENCHMARK IS DIRECTLY ADDRESSED IN MAJOR TOOL (MOST IN-DEPTH COVERAGE LISTED FIRST)	
HE.7.C.1.3	Analyze how environmental factors affect personal health.	Factors That Influence Human Growth and Development Comprehensive Science 2 - Florida (2017) > Life Science > Heredity and Reproduction > Factors the Influence Human Growth and Development> Explore > Explore More Resources > Reading Passage: Human Growth and Development	https://app.discoveryeducation.com/player/view/assetGuid/76128b89-86de-4f25-93e7-bdd429a2d724
HE.7.C.1.3	Analyze how environmental factors affect personal health.	Factors That Influence Human Growth and Development Comprehensive Science 2 - Florida (2017) > Life Science > Heredity and Reproduction > Factors the Influence Human Growth and Development> Explore > Explore More Resources > Reading Passage: Hazardous to Your Health	https://app.discoveryeducation.com/player/view/assetGuid/9aaf5160-9992-48c1-acaf-dbbca9abc7e8
HE.7.C.1.8	Classify infectious agents and their modes of transmission to the human body.	Infectious Disease Comprehensive Science 2 - Florida (2017) > Life Science > Infectious Agents > Infectious Disease > Explore > Core Interactive Text page 2 > Reading Passage: Infectious Disease	https://app.discoveryeducation.com/player/view/assetGuid/8caab4fc-5fab-43ba-bc72-1b696d6695fd
HE.7.C.1.8	Classify infectious agents and their modes of transmission to the human body.	Infectious Disease Comprehensive Science 2 - Florida (2017) > Life Science > Infectious Agents > Infectious Disease > Explore > Core Interactive Text page 1 > Exploration: Infectious Diseases	https://app.discoveryeducation.com/player/view/assetGuid/6e052dbd-2094-4f5e-873e-ed33bd7a6cab
MAFS.K12.MP.4.1	Model with mathematics.	Color and the Electromagnetic Spectrum Comprehensive Science 2 - Florida (2017) - Florida (2017) > Light Energy > Color and the Electromagnetic Spectrum > Elaborate with STEM > STEM Project Starters page 1 > Project: Designing a Light Show	https://app.discoveryeducation.com/learn/techbook/units/77c09a2c-d542-4335-a808-d72a14d08ff6/concepts/0418e9ce-9663-490f-983c-15bf4724b5b3/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/8fefbb9b-b0b9-43e6-ac31-8782dc200f57
MAFS.K12.MP.5.1	Use appropriate tools strategically.	Color and the Electromagnetic Spectrum Comprehensive Science 2 - Florida (2017) - Florida (2017) > Light Energy > Color and the Electromagnetic Spectrum > Explore > Core Interactive Text page 2 > Hands-On Lab: Rainbows Required	https://app.discoveryeducation.com/player/view/assetGuid/3ec1b338-b322-4c24-b119-dacc15637495

2016-2017 STATE OF FLORIDA INSTRUCTIONAL MATERIALS ADOPTION
STANDARDS ALIGNMENT
COURSE STANDARDS/BENCHMARKS (Form IM7)

BENCHMARK CODE	BENCHMARK	LESSONS WHERE STANDARD/BENCHMARK IS DIRECTLY ADDRESSED IN MAJOR TOOL (MOST IN-DEPTH COVERAGE LISTED FIRST)	
MAFS.K12.MP.8.1	Look for and express regularity in repeated reasoning.	Color and the Electromagnetic Spectrum Comprehensive Science 2 - Florida (2017) - Florida (2017) > Light Energy > Color and the Electromagnetic Spectrum > Explore > Core Interactive Text page 1 > Build the Spectrum	https://app.discoveryeducation.com/learn/techbook/units/77c09a2c-d542-4335-a808-d72a14d08ff6/concepts/0418e9ce-9663-490f-983c-15bf4724b5b3/tabs/759da9a7-2edf-4cde-9515-7081ca990764
MAFS.K12.MP.8.1	Look for and express regularity in repeated reasoning.	Transformation of Energy Comprehensive Science 2- Florida (2017) > Transforming Energy > Transformation of Energy > Elaborate with STEM > STEM Project Starters page 2 > Project: Transformation of Energy in Nature	https://app.discoveryeducation.com/learn/techbook/units/c196be36-72d4-4c44-8f50-aece8b008236/concepts/246dbc2e-a312-4279-ab48-009489f1ae1f/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/b4600c89-0ec8-4ad4-9033-a471f4761269
MAFS.K12.MP.8.1	Look for and express regularity in repeated reasoning.	Heat and Temperature Comprehensive Science 2 - Florida (2017) > Physical Science > Thermal Energy > Heat and Temperature > Explore > CIT page 2 > Thermal Equilibirum	https://app.discoveryeducation.com/learn/techbook/units/6f3bf6aa-1a5a-4143-bec7-4be88e12f0a5/concepts/4f544641-faeb-419d-8307-8258484c1ab3/tabs/759da9a7-2edf-4cde-9515-7081ca990764/pages/4b020a4e-b578-49d1-9075-faec001e7615
MAFS.K12.MP.8.1	Look for and express regularity in repeated reasoning.	Heat and Temperature Comprehensive Science 2 - Florida (2017) > Thermal Energy > Heat and Temperature > Explore > CIT page 2 > HOL: Final Temperature	https://app.discoveryeducation.com/player/view/assetGuid/38d876fc-b18d-4bae-aed2-a5d230889dcf
SC.7.N.1.1	Define a problem from the seventh grade curriculum, use appropriate reference materials to support scientific understanding, plan and carry out scientific investigation of various types, such as systematic observations or experiments, identify variables, collect and organize data, interpret data in charts, tables, and graphics, analyze information, make predictions, and defend conclusions.	Color and the Electromagnetic Spectrum Comprehensive Science 2 - Florida (2017) - Florida (2017) > Light Energy > Color and the Electromagnetic Spectrum > Explore > Core Interactive Text page 2 > Hands-On Lab: Rainbows Required	https://app.discoveryeducation.com/player/view/assetGuid/3ec1b338-b322-4c24-b119-dacc15637495
SC.7.N.1.2	Differentiate replication (by others) from repetition (multiple trials).	Transmission and Absorption Comprehensive Science 2 - Florida (2017) - Florida (2017) > Energy and Change > Light Energy > Transmission and Absorption > Explore > Core Interactive Text page 2 > Hands-On Activity: The Solar Cooker	https://app.discoveryeducation.com/player/view/assetGuid/c26fe17b-220b-4c4e-bbd0-948e109beebf

2016-2017 STATE OF FLORIDA INSTRUCTIONAL MATERIALS ADOPTION
STANDARDS ALIGNMENT
COURSE STANDARDS/BENCHMARKS (Form IM7)

BENCHMARK CODE	BENCHMARK	LESSONS WHERE STANDARD/BENCHMARK IS DIRECTLY ADDRESSED IN MAJOR TOOL (MOST IN-DEPTH COVERAGE LISTED FIRST)	
SC.7.N.1.3	Distinguish between an experiment (which must involve the identification and control of variables) and other forms of scientific investigation and explain that not all scientific knowledge is derived from experimentation.	Transmission and Absorption Comprehensive Science 2 - Florida (2017) - Florida (2017) > Energy and Change > Light Energy > Transmission and Absorption > Explore > Core Interactive Text page 2 > Hands-On Activity: The Solar Cooker	https://app.discoveryeducation.com/player/view/assetGuid/c26fe17b-220b-4c4e-bbd0-948e109beebf
SC.7.N.1.5	Describe the methods used in the pursuit of a scientific explanation as seen in different fields of science such as biology, geology, and physics.	Transmission and Absorption Comprehensive Science 2 - Florida (2017) - Florida (2017) > Energy and Change > Light Energy > Transmission and Absorption > Elaborate with STEM > STEM Project Starters page 2 > Project: High-Tech Light Transmission	https://app.discoveryeducation.com/learn/techbook/units/77c09a2c-d542-4335-a808-d72a14d08ff6/concepts/326789de-8f6b-40a9-8da6-6f1e0f3870c3/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/075c52ea-5ddc-46c0-83e8-20ce17c181db
SC.7.N.1.7	Explain that scientific knowledge is the result of a great deal of debate and confirmation within the science community.	Color and the Electromagnetic Spectrum Comprehensive Science 2 - Florida (2017) - Florida (2017) > Light Energy > Color and the Electromagnetic Spectrum > Elaborate with STEM > STEM Project Starters page 2 > Project: Why Is the Sky Blue?	https://app.discoveryeducation.com/learn/techbook/units/77c09a2c-d542-4335-a808-d72a14d08ff6/concepts/0418e9ce-9663-490f-983c-15bf4724b5b3/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/205746b9-ac8c-469b-a668-99a94b1d0eb1
SC.7.P.10.1	Illustrate that the sun's energy arrives as radiation with a wide range of wavelengths, including infrared, visible, and ultraviolet, and that white light is made up of a spectrum of many different colors.	Color and the Electromagnetic Spectrum Comprehensive Science 2 - Florida (2017) - Florida (2017) > Light Energy > Color and the Electromagnetic Spectrum > Explore > Core Interactive Text page 1 > Exploration: On Your Wavelength	https://app.discoveryeducation.com/player/view/assetGuid/0bbc28bf-4861-4601-8a36-b3576ecee9ab
SC.7.P.10.1	Illustrate that the sun's energy arrives as radiation with a wide range of wavelengths, including infrared, visible, and ultraviolet, and that white light is made up of a spectrum of many different colors.	Color and the Electromagnetic Spectrum Comprehensive Science 2 - Florida (2017) - Florida (2017) > Light Energy > Color and the Electromagnetic Spectrum > Explore > Core Interactive Text page 1 > Build the Spectrum	https://app.discoveryeducation.com/learn/techbook/units/77c09a2c-d542-4335-a808-d72a14d08ff6/concepts/0418e9ce-9663-490f-983c-15bf4724b5b3/tabs/759da9a7-2edf-4cde-9515-7081ca990764
SC.7.P.10.1	Illustrate that the sun's energy arrives as radiation with a wide range of wavelengths, including infrared, visible, and ultraviolet, and that white light is made up of a spectrum of many different colors.	Radiation Comprehensive Science 2 - Florida (2017) > Thermal Energy > Radiation > Elaborate with STEM > STEM Project Starter: Radiation Revelation	https://app.discoveryeducation.com/learn/techbook/units/6f3bf6aa-1a5a-4143-bec7-4be88e12f0a5/concepts/bc418d8c-f836-4dfd-ae00-005dca407902/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/7F6FF40F-8F69-45EC-9305-231578C32584
SC.7.P.10.2	Observe and explain that light can be reflected, refracted, and/or absorbed.	Transmission and Absorption Comprehensive Science 2 - Florida (2017) - Florida (2017) > Energy and Change > Light Energy > Transmission and Absorption > Explore > Core Interactive Text page 2 > Hands-On Activity: The Solar Cooker	https://app.discoveryeducation.com/player/view/assetGuid/c26fe17b-220b-4c4e-bbd0-948e109beebf

2016-2017 STATE OF FLORIDA INSTRUCTIONAL MATERIALS ADOPTION
STANDARDS ALIGNMENT
COURSE STANDARDS/BENCHMARKS (Form IM7)

BENCHMARK CODE	BENCHMARK	LESSONS WHERE STANDARD/BENCHMARK IS DIRECTLY ADDRESSED IN MAJOR TOOL (MOST IN-DEPTH COVERAGE LISTED FIRST)	
SC.7.P.10.3	Recognize that light waves, sound waves, and other waves move at different speeds in different materials.	Types of Waves Comprehensive Science 2 - Florida (2017) - Florida (2017) > Energy and Change > Light Energy > Types of Waves > Explore > CIT page 1	https://app.discoveryeducation.com/learn/techbook/units/77c09a2c-d542-4335-a808-d72a14d08ff6/concepts/eb3c6374-c43e-42d9-83af-da17ae3d0ae7/tabs/759da9a7-2edf-4cde-9515-7081ca990764
SC.7.P.10.3	Recognize that light waves, sound waves, and other waves move at different speeds in different materials.	Types of Waves Comprehensive Science 2 - Florida (2017) - Florida (2017) > Energy and Change > Light Energy > Types of Waves > Explore > CIT page 3 > TEI: Analyzing Types of Waves	https://app.discoveryeducation.com/learn/techbook/units/77c09a2c-d542-4335-a808-d72a14d08ff6/concepts/eb3c6374-c43e-42d9-83af-da17ae3d0ae7/tabs/759da9a7-2edf-4cde-9515-7081ca990764/pages/04046b1d-acf1-4f43-a7dc-97a7ade74f5e
SC.7.P.11.1	Recognize that adding heat to or removing heat from a system may result in a temperature change and possibly a change of state.	Heat and Temperature Comprehensive Science 2 - Florida (2017) > Thermal Energy > Heat and Temperature > Explore > Explore More Resources > Hands-On Activity: Heat Transfer and Melting Ice	https://app.discoveryeducation.com/player/view/assetGuid/46f976d4-c269-4d43-80c0-8912da33a24e
SC.7.P.11.1	Recognize that adding heat to or removing heat from a system may result in a temperature change and possibly a change of state.	Heat and Temperature Comprehensive Science 2 - Florida (2017) > Thermal Energy > Heat and Temperature > Explore > Explore More Resources > Exploration: Hot and Not So Hot	https://app.discoveryeducation.com/player/view/assetGuid/54303870-8eaf-4aa1-8a1e-4239995f9b0a
SC.7.P.11.1	Recognize that adding heat to or removing heat from a system may result in a temperature change and possibly a change of state.	Heat and Temperature Comprehensive Science 2 - Florida (2017) > Thermal Energy > Heat and Temperature > Explore > Explore More Resources > Collaborative Project: The Great Ice Transfer	https://app.discoveryeducation.com/player/view/assetGuid/a6cabf97-672a-452e-8ab0-bed19b1deb6b
SC.7.P.11.2	Investigate and describe the transformation of energy from one form to another.	Transformation of Energy Comprehensive Science 2- Florida (2017) > Transforming Energy > Transformation of Energy > Explore > Explore More Resources > Hands-On Activity: Investigating Energy Transformations in a Circuit	https://app.discoveryeducation.com/player/view/assetGuid/1281579a-a76b-4e02-bcfb-b1c6065ae6d2
SC.7.P.11.2	Investigate and describe the transformation of energy from one form to another.	Transformation of Energy Comprehensive Science 2- Florida (2017) > Transforming Energy Transformation of Energy > Elaborate with STEM > STEM in Action: Solar Power Engineering	https://app.discoveryeducation.com/learn/techbook/units/c196be36-72d4-4c44-8f50-aece8b008236/concepts/246dbc2e-a312-4279-ab48-009489f1ae1f/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/07bff490-452f-48f4-ab78-dd77aabbe0ce
SC.7.P.11.3	Cite evidence to explain that energy cannot be created nor destroyed, only changed from one form to another.	Transformation of Energy Comprehensive Science 2- Florida (2017) > Transforming Energy > Transformation of Energy > Elaborate with STEM > STEM Project Starters page 2 > Project: Transformation of Energy in Nature	https://app.discoveryeducation.com/learn/techbook/units/c196be36-72d4-4c44-8f50-aece8b008236/concepts/246dbc2e-a312-4279-ab48-009489f1ae1f/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/b4600c89-0ec8-4ad4-9033-a471f4761269

2016-2017 STATE OF FLORIDA INSTRUCTIONAL MATERIALS ADOPTION
STANDARDS ALIGNMENT
COURSE STANDARDS/BENCHMARKS (Form IM7)

BENCHMARK CODE	BENCHMARK	LESSONS WHERE STANDARD/BENCHMARK IS DIRECTLY ADDRESSED IN MAJOR TOOL (MOST IN-DEPTH COVERAGE LISTED FIRST)	
SC.7.P.11.4	Observe and describe that heat flows in predictable ways, moving from warmer objects to cooler ones until they reach the same temperature.	Heat and Temperature Comprehensive Science 2 - Florida (2017) > Thermal Energy > Heat and Temperature > Explore > Core Interactive Text page 2 > Hands-On Activity: Final Temperature	https://app.discoveryeducation.com/player/view/assetGuid/38d876fc-b18d-4bae-aed2-a5d230889dcf
SC.7.P.11.4	Observe and describe that heat flows in predictable ways, moving from warmer objects to cooler ones until they reach the same temperature.	Heat and Temperature Comprehensive Science 2 - Florida (2017) > Physical Science > Thermal Energy > Heat and Temperature > Explore > CIT page 2 > Thermal Equilibirum	https://app.discoveryeducation.com/learn/techbook/units/6f3bf6aa-1a5a-4143-bec7-4be88e12f0a5/concepts/4f544641-faeb-419d-8307-8258484c1ab3/tabs/759da9a7-2edf-4cde-9515-7081ca990764/pages/4b020a4e-b578-49d1-9075-faec001e7615
LAFS.68.RST.1.3	Follow precisely a multistep procedure when carrying out experiments, taking measurements, or performing technical tasks.	Color and the Electromagnetic Spectrum Comprehensive Science 2 - Florida (2017) - Florida (2017) > Light Energy > Color and the Electromagnetic Spectrum > Explore > Core Interactive Text page 2 > Hands-On Lab: Rainbows Required	https://app.discoveryeducation.com/player/view/assetGuid/3ec1b338-b322-4c24-b119-dacc15637495
LAFS.68.RST.2.4	Determine the meaning of symbols, key terms, and other domain-specific words and phrases as they are used in a specific scientific or technical context relevant to grades 6–8 texts and topics.	Conduction Comprehensive Science 2 - Florida (2017) - Florida (2017) > Energy and Change > Thermal Energy > Conduction > Explore > Explore More Resources > Reading Passage: Transferring Heat Through Conduction	https://app.discoveryeducation.com/player/view/assetGuid/6abc703e-4a09-4db5-ad8b-462beb1b4cd3
LAFS.68.RST.3.9	Compare and contrast the information gained from experiments, simulations, video, or multimedia sources with that gained from reading a text on the same topic.	Transformation of Energy Comprehensive Science 2- Florida (2017) > Transforming Energy > Transformation of Energy > Elaborate with STEM > STEM Project Starters page 1 > Project: Designing a Free Energy Machine	https://app.discoveryeducation.com/learn/techbook/units/c196be36-72d4-4c44-8f50-aece8b008236/concepts/246dbc2e-a312-4279-ab48-009489f1ae1f/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/48cfbb95-2093-4c30-b339-47993a958e20
LAFS.68.WHST.1.1	a. Introduce claim(s) about a topic or issue, acknowledge and distinguish the claim(s) from alternate or opposing claims, and organize the reasons and evidence logically.	Radiation Comprehensive Science 2 - Florida (2017) > > Thermal Energy > Radiation > Explain	https://app.discoveryeducation.com/learn/techbook/units/6f3bf6aa-1a5a-4143-bec7-4be88e12f0a5/concepts/bc418d8c-f836-4dfd-ae00-005dca407902/tabs/0df56444-5400-41eb-a6ce-de52b7efb950
LAFS.68.WHST.1.1	b. Support claim(s) with logical reasoning and relevant, accurate data and evidence that demonstrate an understanding of the topic or text, using credible sources.	Radiation Comprehensive Science 2 - Florida (2017) > > Thermal Energy > Radiation > Explain	https://app.discoveryeducation.com/learn/techbook/units/6f3bf6aa-1a5a-4143-bec7-4be88e12f0a5/concepts/bc418d8c-f836-4dfd-ae00-005dca407902/tabs/0df56444-5400-41eb-a6ce-de52b7efb950
LAFS.68.WHST.1.1	c. Use words, phrases, and clauses to create cohesion and clarify the relationships among claim(s), counterclaims, reasons, and evidence.	Radiation Comprehensive Science 2 - Florida (2017) > > Thermal Energy > Radiation > Explain	https://app.discoveryeducation.com/learn/techbook/units/6f3bf6aa-1a5a-4143-bec7-4be88e12f0a5/concepts/bc418d8c-f836-4dfd-ae00-005dca407902/tabs/0df56444-5400-41eb-a6ce-de52b7efb950

2016-2017 STATE OF FLORIDA INSTRUCTIONAL MATERIALS ADOPTION
STANDARDS ALIGNMENT
COURSE STANDARDS/BENCHMARKS (Form IM7)

BENCHMARK CODE	BENCHMARK	LESSONS WHERE STANDARD/BENCHMARK IS DIRECTLY ADDRESSED IN MAJOR TOOL (MOST IN-DEPTH COVERAGE LISTED FIRST)	
LAFS.68.WHST.1.1	d. Establish and maintain a formal style.	Radiation Comprehensive Science 2 - Florida (2017) > > Thermal Energy > Radiation > Explain	https://app.discoveryeducation.com/learn/techbook/units/6f3bf6aa-1a5a-4143-bec7-4be88e12f0a5/concepts/bc418d8c-f836-4dfd-ae00-005dca407902/tabs/0df56444-5400-41eb-a6ce-de52b7efb950
LAFS.68.WHST.1.1	e. Provide a concluding statement or section that follows from and supports the argument presented.	Radiation Comprehensive Science 2 - Florida (2017) > > Thermal Energy > Radiation > Explain	https://app.discoveryeducation.com/learn/techbook/units/6f3bf6aa-1a5a-4143-bec7-4be88e12f0a5/concepts/bc418d8c-f836-4dfd-ae00-005dca407902/tabs/0df56444-5400-41eb-a6ce-de52b7efb950
LAFS.68.WHST.1.2	Write informative/explanatory texts, including the narration of historical events, scientific procedures/ experiments, or technical processes.	Transformation of Energy Comprehensive Science 2- Florida (2017) > Transforming Energy > Transformation of Energy > Elaborate with STEM > STEM Project Starters page 1 > Project: Designing a Free Energy Machine	https://app.discoveryeducation.com/learn/techbook/units/c196be36-72d4-4c44-8f50-aece8b008236/concepts/246dbc2e-a312-4279-ab48-009489f1ae1f/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/48cfbb95-2093-4c30-b339-47993a958e20
LAFS.68.WHST.1.2	a. Introduce a topic clearly, previewing what is to follow; organize ideas, concepts, and information into broader categories as appropriate to achieving purpose; include formatting (e.g., headings), graphics (e.g., charts, tables), and multimedia when useful to aiding comprehension.	Transformation of Energy Comprehensive Science 2- Florida (2017) > Transforming Energy > Transformation of Energy > Elaborate with STEM > STEM Project Starters page 1 > Project: Designing a Free Energy Machine	https://app.discoveryeducation.com/learn/techbook/units/c196be36-72d4-4c44-8f50-aece8b008236/concepts/246dbc2e-a312-4279-ab48-009489f1ae1f/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/48cfbb95-2093-4c30-b339-47993a958e20
LAFS.68.WHST.1.2	b. Develop the topic with relevant, well-chosen facts, definitions, concrete details, quotations, or other information and examples.	Transformation of Energy Comprehensive Science 2- Florida (2017) > Transforming Energy > Transformation of Energy > Elaborate with STEM > STEM Project Starters page 1 > Project: Designing a Free Energy Machine	https://app.discoveryeducation.com/learn/techbook/units/c196be36-72d4-4c44-8f50-aece8b008236/concepts/246dbc2e-a312-4279-ab48-009489f1ae1f/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/48cfbb95-2093-4c30-b339-47993a958e20
LAFS.68.WHST.1.2	c. Use appropriate and varied transitions to create cohesion and clarify the relationships among ideas and concepts.	Transformation of Energy Comprehensive Science 2- Florida (2017) > Transforming Energy > Transformation of Energy > Elaborate with STEM > STEM Project Starters page 1 > Project: Designing a Free Energy Machine	https://app.discoveryeducation.com/learn/techbook/units/c196be36-72d4-4c44-8f50-aece8b008236/concepts/246dbc2e-a312-4279-ab48-009489f1ae1f/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/48cfbb95-2093-4c30-b339-47993a958e20
LAFS.68.WHST.1.2	d. Use precise language and domain-specific vocabulary to inform about or explain the topic.	Transformation of Energy Comprehensive Science 2- Florida (2017) > Transforming Energy > Transformation of Energy > Elaborate with STEM > STEM Project Starters page 1 > Project: Designing a Free Energy Machine	https://app.discoveryeducation.com/learn/techbook/units/c196be36-72d4-4c44-8f50-aece8b008236/concepts/246dbc2e-a312-4279-ab48-009489f1ae1f/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/48cfbb95-2093-4c30-b339-47993a958e20
LAFS.68.WHST.1.2	e. Establish and maintain a formal style and objective tone.	Transformation of Energy Comprehensive Science 2- Florida (2017) > Transforming Energy > Transformation of Energy > Elaborate with STEM > STEM Project Starters page 1 > Project: Designing a Free Energy Machine	https://app.discoveryeducation.com/learn/techbook/units/c196be36-72d4-4c44-8f50-aece8b008236/concepts/246dbc2e-a312-4279-ab48-009489f1ae1f/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/48cfbb95-2093-4c30-b339-47993a958e20

2016-2017 STATE OF FLORIDA INSTRUCTIONAL MATERIALS ADOPTION
STANDARDS ALIGNMENT
COURSE STANDARDS/BENCHMARKS (Form IM7)

BENCHMARK CODE	BENCHMARK	LESSONS WHERE STANDARD/BENCHMARK IS DIRECTLY ADDRESSED IN MAJOR TOOL (MOST IN-DEPTH COVERAGE LISTED FIRST)	
LAFS.68.WHST.1.2	f. Provide a concluding statement or section that follows from and supports the information or explanation presented.	Transformation of Energy Comprehensive Science 2- Florida (2017) > Transforming Energy > Transformation of Energy > Elaborate with STEM > STEM Project Starters page 1 > Project: Designing a Free Energy Machine	https://app.discoveryeducation.com/learn/techbook/units/c196be36-72d4-4c44-8f50-aece8b008236/concepts/246dbc2e-a312-4279-ab48-009489f1ae1f/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/48cfbb95-2093-4c30-b339-47993a958e20
LAFS.68.WHST.2.4	Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience.	Heat and Temperature Comprehensive Science 2 - Florida (2017) > Thermal Energy > Heat and Temperature > Elaborate with STEM > STEM Project Starters page 1 > Project: Too Hot to Handle	https://app.discoveryeducation.com/learn/techbook/units/6f3bf6aa-1a5a-4143-bec7-4be88e12f0a5/concepts/4f544641-faeb-419d-8307-8258484c1ab3/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/cfb5dbf5-0f8e-48ca-8721-121fc98aac80
LAFS.68.WHST.2.5	With some guidance and support from peers and adults, develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach, focusing on how well purpose and audience have been addressed.	Heat and Temperature Comprehensive Science 2 - Florida (2017) > Thermal Energy > Heat and Temperature > Elaborate with STEM > STEM Project Starters page 1 > Project: Too Hot to Handle	https://app.discoveryeducation.com/learn/techbook/units/6f3bf6aa-1a5a-4143-bec7-4be88e12f0a5/concepts/4f544641-faeb-419d-8307-8258484c1ab3/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/cfb5dbf5-0f8e-48ca-8721-121fc98aac80
LAFS.68.WHST.3.8	Gather relevant information from multiple print and digital sources, using search terms effectively; assess the credibility and accuracy of each source; and quote or paraphrase the data and conclusions of others while avoiding plagiarism and following a standard format for citation.	Transformation of Energy Comprehensive Science 2- Florida (2017) > Transforming Energy > Transformation of Energy > Elaborate with STEM > STEM Project Starters page 1 > Project: Designing a Free Energy Machine	https://app.discoveryeducation.com/learn/techbook/units/c196be36-72d4-4c44-8f50-aece8b008236/concepts/246dbc2e-a312-4279-ab48-009489f1ae1f/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/48cfbb95-2093-4c30-b339-47993a958e20
LAFS.7.SL.1.1:	Engage effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grade 7 topics, texts, and issues, building on others' ideas and expressing their own clearly.	Plate Tectonics Comprehensive Science 2 - Florida (2017) > Earth & Space Science > Plate Tectonic Theory > Plate Tectonics > Elaborate with STEM > STEM Project Starters page 2 > Project: Design a Plate Tectonic Game	https://app.discoveryeducation.com/learn/techbook/units/59143d67-a5c9-4cec-8658-2a3743a067b2/concepts/7e432897-4033-4719-a6d8-06d9124eab33/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/9f850fd1-f9ec-45f3-867e-8309700d9d8e
LAFS.7.SL.1.2:	Analyze the main ideas and supporting details presented in diverse media and formats (e.g., visually, quantitatively, orally) and explain how the ideas clarify a topic, text, or issue under study.	Anthropogenic Changes Comprehensive Science 2 - Florida (2017) > Life Science > Interdependence of Organisms > Anthropogenic Changes > Elaborate with STEM > STEM in Action: Career: Science Personality	https://app.discoveryeducation.com/learn/techbook/units/850f536d-1c04-4ac7-9d23-2969c95230e7/concepts/2222bd85-5dcd-4108-8177-9e43bba7f7c3/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/b73810d9-a7a9-4e1a-9a2b-37805a7f84af
LAFS.7.SL.1.3:	Delineate a speaker's argument and specific claims, evaluating the soundness of the reasoning and the relevance and sufficiency of the evidence.	Habitat Destruction Comprehensive Science 2 - Florida (2017) > Life Science > Interdependance of Organisms > Habitat Destruction > Elaborate with STEM > STEM Project Starters page 2 > Project: Examining Habitat Loss	https://app.discoveryeducation.com/learn/techbook/units/850f536d-1c04-4ac7-9d23-2969c95230e7/concepts/1f143599-a822-44e5-a60a-061a0641d827/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/e0589aa8-6af4-4580-8b8d-7687f32232bb

2016-2017 STATE OF FLORIDA INSTRUCTIONAL MATERIALS ADOPTION
STANDARDS ALIGNMENT
COURSE STANDARDS/BENCHMARKS (Form IM7)

BENCHMARK CODE	BENCHMARK	LESSONS WHERE STANDARD/BENCHMARK IS DIRECTLY ADDRESSED IN MAJOR TOOL (MOST IN-DEPTH COVERAGE LISTED FIRST)	
LAFS.7.SL.1.3:	Delineate a speaker's argument and specific claims, evaluating the soundness of the reasoning and the relevance and sufficiency of the evidence.	Habitat Destruction Comprehensive Science 2 - Florida (2017) > Life Science > Interdependance of Organisms > Habitat Destruction > Explore > Core Interactive Text page 1 > Habitat Destruction	https://app.discoveryeducation.com/learn/techbook/units/850f536d-1c04-4ac7-9d23-2969c95230e7/concepts/1f143599-a822-44e5-a60a-061a0641d827/tabs/759da9a7-2edf-4cde-9515-7081ca990764
LAFS.7.SL.2.4:	Present claims and findings, emphasizing salient points in a focused, coherent manner with pertinent descriptions, facts, details, and examples; use appropriate eye contact, adequate volume, and clear pronunciation.	Asexual Comprehensive Science 2 - Florida (2017) > Life Science > Heredity and Reproduction > Asexual> Elaborate with STEM > STEM Project Starters page 2 > Project: Engineering a Better Banana	https://app.discoveryeducation.com/learn/techbook/units/a514f95e-f65f-4d61-b6de-1aed12005b74/concepts/d5574736-7f6a-4687-98c7-a8adb83be60f/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/7c8e4469-8664-4b1d-9a80-e8eb08016b56
LAFS.7.SL.2.4:	Present claims and findings, emphasizing salient points in a focused, coherent manner with pertinent descriptions, facts, details, and examples; use appropriate eye contact, adequate volume, and clear pronunciation.	Why Earthquakes Occur Comprehensive Science 2 - Florida (2017) > Earth & Space Science > Earthquakes and Volcanoes > Why Earthquakes Occur> Elaborate with STEM > STEM Project Starters page 1 > Project: A Faulty Landscape	https://app.discoveryeducation.com/learn/techbook/units/644e13a2-8cff-446b-98e7-a1897c8114a6/concepts/ddd485ac-c5e7-4e69-a6cd-410f717f5704/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/45f0d276-b8cd-4435-8283-395821a4449e
LAFS.7.SL.2.5:	Include multimedia components and visual displays in presentations to clarify claims and findings and emphasize salient points.	Why Earthquakes Occur Comprehensive Science 2 - Florida (2017) > Earth & Space Science > Earthquakes and Volcanoes > Why Earthquakes Occur> Elaborate with STEM > STEM Project Starters page 1 > Project: A Faulty Landscape	https://app.discoveryeducation.com/learn/techbook/units/644e13a2-8cff-446b-98e7-a1897c8114a6/concepts/ddd485ac-c5e7-4e69-a6cd-410f717f5704/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/45f0d276-b8cd-4435-8283-395821a4449e
LAFS.7.SL.2.5:	Include multimedia components and visual displays in presentations to clarify claims and findings and emphasize salient points.	Darwin and Natural Selection Comprehensive Science 2 - Florida (2017) > Life Science > Evolutionary Theory > Darwin and Natural Selection> Elaborate with STEM > STEM Project Starter 2 > What Did Darwin Do?	https://app.discoveryeducation.com/learn/techbook/units/21b174a7-6bb0-439a-b41c-a8987b1a08ae/concepts/bb6f4f76-e8cf-44cb-9e94-7a9da3e2ecac/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/7c74415f-77b5-48fd-8c42-d4b5a5a47d5f
MAFS.7.SP.2.4:	Use measures of center and measures of variability for numerical data from random samples to draw informal comparative inferences about two populations. *For example, decide whether the words in a chapter of a seventh-grade science book are generally longer than the words in a chapter of a fourth-grade science book.*	Why Earthquakes Occur Comprehensive Science 2 - Florida (2017) > Earth & Space Science > Earthquakes and Volcanoes > Why Earthquakes Occur> Elaborate with STEM > STEM Project Starters page 2 > Project: San Andreas Earthquakes	https://app.discoveryeducation.com/learn/techbook/units/644e13a2-8cff-446b-98e7-a1897c8114a6/concepts/ddd485ac-c5e7-4e69-a6cd-410f717f5704/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/5fad83bc-a58a-433e-9118-6994a6ba39bb

2016-2017 STATE OF FLORIDA INSTRUCTIONAL MATERIALS ADOPTION
STANDARDS ALIGNMENT
COURSE STANDARDS/BENCHMARKS (Form IM7)

BENCHMARK CODE	BENCHMARK	LESSONS WHERE STANDARD/BENCHMARK IS DIRECTLY ADDRESSED IN MAJOR TOOL (MOST IN-DEPTH COVERAGE LISTED FIRST)	
MAFS.7.SP.3.5:	Understand that the probability of a chance event is a number between 0 and 1 that expresses the likelihood of the event occurring. Larger numbers indicate greater likelihood. A probability near 0 indicates an unlikely event, a probability around 1/2 indicates an event that is neither unlikely nor likely, and a probability near 1 indicates a likely event.	Sexual Comprehensive Science 2 - Florida (2017) > Life Science > Heredity and Reproduction > Sexual> Elaborate with STEM > STEM Project Starters page 1 > Project: Heads or Tails?	https://app.discoveryeducation.com/learn/techbook/units/a514f95e-f65f-4d61-b6de-1aed12005b74/concepts/febe1fa5-3c74-4a79-a08a-8c0670e5e6e9/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/11752cc2-85e2-47fb-a2a9-12945309e5f0
MAFS.7.SP.3.5:	Understand that the probability of a chance event is a number between 0 and 1 that expresses the likelihood of the event occurring. Larger numbers indicate greater likelihood. A probability near 0 indicates an unlikely event, a probability around 1/2 indicates an event that is neither unlikely nor likely, and a probability near 1 indicates a likely event.	Genes Comprehensive Science 2 - Florida (2017) > Life Science > Heredity and Reproduction > Genes > Elaborate with STEM > STEM Project Starters page 2 > Project: What Are the Odds?	https://app.discoveryeducation.com/learn/techbook/units/a514f95e-f65f-4d61-b6de-1aed12005b74/concepts/f1fdafee-39be-4155-9fd5-cb0ca9f36201/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/d86bc585-f5ca-441e-a246-f5b89c894ea9