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

SUBMISSION TITLE:	Grade 4- Florida 2017
GRADE LEVEL:	Grade 4
PUBLISHER:	Discovery Education

BENCHMARK CODE	BENCHMARK	LESSONS WHERE STANDARD/BENCHMARK IS DIRECTLY ADDRESSED IN MAJOR TOOL (MOST IN-DEPTH COVERAGE LISTED FIRST) (Include the student edition and teacher edition with the page numbers of lesson, a link to lesson, or other identifier for easy lookup by reviewers.)	
MAFS.K12.MP.1.1	Make sense of problems and persevere in solving them.	Earth Materials > Erosion and Deposition > Explore > Explore More Resources > Hands-On Lab: The Case of the Disappearing Soccer Field	https://app.discoveryeducation.com/player/view/assetGuid/a2283ba6-4272-4e67-b107-21b5472b1c6a
MAFS.K12.MP.1.1	Make sense of problems and persevere in solving them.	Properties of Matter > Magnets > Elaborate with STEM > STEM Project Starters page 2 > Project: Design an Electromagnet	https://app.discoveryeducation.com/learn/techbook/units/29f6b6e1-4b14-4c14-82af-5173e6765cda/concepts/2e662483-0c4e-47e5-be81-77b69d335f77/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/a3db775f-acf2-43b6-aefc-3e503c93bc71
MAFS.K12.MP.1.1	Make sense of problems and persevere in solving them.	Sound > Sound Waves > Elaborate with STEM > STEM Project Starters Page 1 > Project: Seeing with Sound	https://app.discoveryeducation.com/learn/techbook/units/a2da6a34-18c5-4723-9bb3-19a4c1838a8a/concepts/fbd97f65-d347-416b-b124-e634ad0d9856/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/bcab05ca-c5f0-4188-a3e4-f16b11981207
MAFS.K12.MP.2.1	Reason abstractly and quantitatively.	Exploring Space > The Seasons > Explore > Explore More Resources > Hands-On Activity: The Changing Constellations	https://app.discoveryeducation.com/player/view/assetGuid/c37105d1-32e2-4534-91d2-2c632f7a086f
MAFS.K12.MP.2.1	Reason abstractly and quantitatively.	Properties of Matter > Mass and Weight > Elaborate with STEM > STEM Project Starters page 2 > Project: Calculate Your Weight	https://app.discoveryeducation.com/learn/techbook/units/29f6b6e1-4b14-4c14-82af-5173e6765cda/concepts/183bf488-b7d7-45b2-b367-2990b943b76c/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/0b271f22-bae5-4156-a661-61f2578189cc
MAFS.K12.MP.2.1	Reason abstractly and quantitatively.	Motion > Describing Motion > Elaborate with STEM > STEM in Action: Fast-Moving Careers	https://app.discoveryeducation.com/learn/techbook/units/516d649b-1609-4462-9427-6d1f84353413/concepts/7728c222-c9b7-4b8a-8262-53603b72bdf8/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f

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MAFS.K12.MP.2.1	Reason abstractly and quantitatively.	Ecosystems> Long-Term Changes in Ecosystems > Elaborate with STEM > STEM Project Starters page 2 > Project: Analyzing Carbon Dioxide Emissions	https://app.discoveryeducation.com/learn/techbook/units/8c0158c0-7283-4ea3-9798-77e0f51c21bb/concepts/06486f67-81f4-4d3c-91bf-02d8dfca6a26/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/90c849fd-eb19-4607-8a77-a150d309b235
MAFS.K12.MP.3.1	Construct viable arguments and critique the reasoning of others.	Properties of Matter > Measuring Matter > Elaborate with STEM > STEM Project Starters page 2 > Project: Design a Seat Cushion	https://app.discoveryeducation.com/learn/techbook/units/29f6b6e1-4b14-4c14-82af-5173e6765cda/concepts/a4c0a62b-7a0f-452c-bdba-de94af9f9964/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/046443c9-c99d-4390-bae2-9c868c471475
MAFS.K12.MP.3.1	Construct viable arguments and critique the reasoning of others.	Ecosystems > Interactions in Ecosystems > Elaborate with STEM > STEM Project Starters page 4 > Project: Hazards at Home	https://app.discoveryeducation.com/learn/techbook/units/8c0158c0-7283-4ea3-9798-77e0f51c21bb/concepts/f30e1269-5dce-484a-80a0-a6c083710bd3/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/66a52b89-ff7f-4ef5-bf26-11f2381046e1
MAFS.K12.MP.3.1	Construct viable arguments and critique the reasoning of others.	Life Cycles > Food and Oxygen > Elaborate with STEM > STEM Project Starters page 1 > Project: Human Beings and Oxygen	https://app.discoveryeducation.com/learn/techbook/units/1806e9bf-d5d0-4826-b47d-9c52cd852166/concepts/0bc69954-e7fa-4028-b92d-a537abdb20b3/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/b56f5306-94c3-4c04-b16c-b9e47dd481cb
MAFS.K12.MP.4.1	Model with mathematics.	Earth Materials > Rocks > Elaborate with STEM > STEM Project Starters page 2 > Project: Engineering with Rocks	https://app.discoveryeducation.com/learn/techbook/units/c0d7d646-c4f5-4f7c-bc4e-dc79c4405c71/concepts/bdfe7e33-bdd3-4aff-8da1-1180bbe36bc7/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/b56491ef-c23b-4444-b857-9c0e10d5a918
MAFS.K12.MP.4.1	Model with mathematics.	Earth Materials > Minerals > Elaborate with STEM > STEM Project Starters page 2 > Project: They Are Your Main Minerals	https://app.discoveryeducation.com/learn/techbook/units/c0d7d646-c4f5-4f7c-bc4e-dc79c4405c71/concepts/68ec2949-6941-42ab-bc4a-1aabc404e60e/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/80fb009e-2bdd-4eec-80c2-b83d8d8015f5
MAFS.K12.MP.4.1	Model with mathematics.	Exploring Space > The Cycle of Day and Night > Elaborate with STEM > STEM Project Starters page 1 > Project: Days on Other Planets	https://app.discoveryeducation.com/learn/techbook/units/2d6964c8-2c8d-421d-a4df-37e4e92b9c74/concepts/a80d7178-d686-404e-a796-f578714e24ff/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/9a69696f-c05d-4914-80b6-1a0c955f777b

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MAFS.K12.MP.4.1	Model with mathematics.	Exploring Space > The Seasons > Elaborate with STEM > STEM Project Starters page 3 > Angling to Harness Solar Energy!	https://app.discoveryeducation.com/learn/techbook/units/2d6964c8-2c8d-421d-a4df-37e4e92b9c74/concepts/f0040dfe-49e6-4c8a-a95f-2d3c9f3989a8/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/2ae6237a-7626-4f38-b6f1-1484ad5a964f
MAFS.K12.MP.4.1	Model with mathematics.	Properties of Matter > Magnets > Elaborate with STEM > STEM Project Starters page 2 > Project: Design an Electromagnet	https://app.discoveryeducation.com/learn/techbook/units/29f6b6e1-4b14-4c14-82af-5173e6765cda/concepts/2e662483-0c4e-47e5-be81-77b69d335f77/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/a3db775f-acf2-43b6-aefc-3e503c93bc71
MAFS.K12.MP.5.1	Use appropriate tools strategically.	Earth Materials > Minerals > Elaborate with STEM > STEM Project Starters page 1 > Project: Fluorescent Minerals	https://app.discoveryeducation.com/learn/techbook/units/c0d7d646-c4f5-4f7c-bc4e-dc79c4405c71/concepts/68ec2949-6941-42ab-bc4a-1aabc404e60e/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/c04c8c46-650f-42c9-a6dc-7df9d1df4fe2
MAFS.K12.MP.5.1	Use appropriate tools strategically.	Exploring Space > The Cycle of Day and Night > Explore > Explore More Resources > Hands-On Lab: Investigating Shadows over the Course of a Day	https://app.discoveryeducation.com/player/view/assetGuid/53be2a71-42c6-4f58-9349-db9989392164
MAFS.K12.MP.5.1	Use appropriate tools strategically.	Exploring Space > The Seasons > Elaborate with STEM > STEM Project Starters page 2 > Project: Getting a Good Angle on Sunshine	https://app.discoveryeducation.com/learn/techbook/units/2d6964c8-2c8d-421d-a4df-37e4e92b9c74/concepts/f0040dfe-49e6-4c8a-a95f-2d3c9f3989a8/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/cef6c7ea-1eb6-4cb5-ac48-355e763d6af3
MAFS.K12.MP.5.1	Use appropriate tools strategically.	Properties of Matter > Mass and Weight > Explore > Explore More Resources > Hands-On Activity: What's the Sum?	https://app.discoveryeducation.com/player/view/assetGuid/b7300514-bb3c-4d4f-9c55-4219bf9ff260
MAFS.K12.MP.5.1	Use appropriate tools strategically.	Energy > Heat Transfer > Elaborate with STEM > STEM Project Starters page 2 > Project: Winter Wear	https://app.discoveryeducation.com/learn/techbook/units/fb1cb371-11a2-4448-b45d-7a1ca5b76e0d/concepts/715730b1-abc7-4a28-941f-25f6c4694e33/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/3468fedc-7db0-4b54-ad0f-915090240af2

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MAFS.K12.MP.6.1	Attend to precision.	Exploring Space > Moon Phases > Elaborate with STEM > STEM in Action: Technology and Moon Phases	https://app.discoveryeducation.com/learn/techbook/units/2d6964c8-2c8d-421d-a4df-37e4e92b9c74/concepts/ceeb7bfc-62a3-4e3b-ab1c-a41049f7d99d/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f
MAFS.K12.MP.6.1	Attend to precision.	Exploring Space > Moon Phases > Elaborate with STEM > STEM Project Starters page 2 > Project: Predicting Moon Phases	https://app.discoveryeducation.com/learn/techbook/units/2d6964c8-2c8d-421d-a4df-37e4e92b9c74/concepts/ceeb7bfc-62a3-4e3b-ab1c-a41049f7d99d/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/1f9ca857-97dc-4527-b375-826043091430
MAFS.K12.MP.6.1	Attend to precision.	Exploring Space > Space Travel > Elaborate with STEM > STEM Project Starters page 1 > Project: Life in the Solar System	https://app.discoveryeducation.com/learn/techbook/units/2d6964c8-2c8d-421d-a4df-37e4e92b9c74/concepts/5cfa4fc5-db48-4a1b-9851-754a65ef6b5b/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/5f80cd90-b7c7-4f72-bc48-de44b1f4886a
MAFS.K12.MP.6.1	Attend to precision.	Properties of Matter > Mass and Weight > Elaborate with STEM > STEM Project Starters page 1 > Project: Learning to Use Scientific Tools: Pan Balances and Spring Scales	https://app.discoveryeducation.com/learn/techbook/units/29f6b6e1-4b14-4c14-82af-5173e6765cda/concepts/183bf488-b7d7-45b2-b367-2990b943b76c/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/3a5d0db5-7853-4f45-91f2-fe5679d96fd9
MAFS.K12.MP.6.1	Attend to precision.	Energy > Heat Transfer > Elaborate with STEM > STEM Project Starters page 1 > Project: Keep Your Cool	https://app.discoveryeducation.com/learn/techbook/units/fb1cb371-11a2-4448-b45d-7a1ca5b76e0d/concepts/715730b1-abc7-4a28-941f-25f6c4694e33/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/de10053a-a786-43e6-9799-2ba4c40cebc0
MAFS.K12.MP.7.1	Look for and make use of structure.	Exploring Space > The Seasons > Elaborate with STEM > STEM in Action: Careers and the Seasons	https://app.discoveryeducation.com/learn/techbook/units/2d6964c8-2c8d-421d-a4df-37e4e92b9c74/concepts/f0040dfe-49e6-4c8a-a95f-2d3c9f3989a8/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/40dee07d-5a1f-4ba4-aabe-b1d6b9e4bc03
MAFS.K12.MP.7.1	Look for and make use of structure.	Natural Resources > Value of Renewable Resources > Elaborate with STEM > STEM Project Starters page 3 > Project: Wow, Windmills!	https://app.discoveryeducation.com/learn/techbook/units/30b3bb85-ca2e-4fa0-999f-0dd6361c39e4/concepts/94fad70a-0bd6-44bc-9740-f744c1bd6864/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/9d299893-2cdf-403b-a5d0-bff8a379c4f4

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MAFS.K12.MP.8.1	Look for and express regularity in repeated reasoning.	Exploring Space > Moon Phases > Elaborate with STEM > STEM Project Starters page 2 > Project: Predicting Moon Phases	https://app.discoveryeducation.com/learn/techbook/units/2d6964c8-2c8d-421d-a4df-37e4e92b9c74/concepts/ceeb7bfc-62a3-4e3b-ab1c-a41049f7d99d/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/1f9ca857-97dc-4527-b375-826043091430
MAFS.K12.MP.8.1	Look for and express regularity in repeated reasoning.	Exploring Space > The Cycle of Day and Night > Explore > Explore More Resources > Hands-On Lab: Investigating Shadows over the Course of a Day	https://app.discoveryeducation.com/player/view/assetGuid/53be2a71-42c6-4f58-9349-db9989392164
MAFS.K12.MP.8.1	Look for and express regularity in repeated reasoning.	Properties of Matter > Measuring Matter > Elaborate with STEM > STEM Project Starters page 1 > Project: Sink or Swim	https://app.discoveryeducation.com/learn/techbook/units/29f6b6e1-4b14-4c14-82af-5173e6765cda/concepts/a4c0a62b-7a0f-452c-bdba-de94af9f9964/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/b2e4f2f5-8602-4efa-8ec5-5f0992e79569
MAFS.K12.MP.8.1	Look for and express regularity in repeated reasoning.	Sound > Sound Waves > Elaborate with STEM > STEM Project Starters Page 1 > Project: Seeing with Sound	https://app.discoveryeducation.com/learn/techbook/units/a2da6a34-18c5-4723-9bb3-19a4c1838a8a/concepts/fbd97f65-d347-416b-b124-e634ad0d9856/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/bcab05ca-c5f0-4188-a3e4-f16b11981207
SC.4.E.5.1:	Observe that the patterns of stars in the sky stay the same although they appear to shift across the sky nightly, and different stars can be seen in different seasons.	Exploring Space > The Seasons > Explore > Explore More Resources > Hands-On Activity: The Changing Constellations	https://app.discoveryeducation.com/player/view/assetGuid/c37105d1-32e2-4534-91d2-2c632f7a086f
SC.4.E.5.1:	Observe that the patterns of stars in the sky stay the same although they appear to shift across the sky nightly, and different stars can be seen in different seasons.	Exploring Space > The Cycle of Day and Night > Explore > Core Interactive Text > Exploration: The Cycle of Day and Night	https://app.discoveryeducation.com/player/view/assetGuid/1550baa3-bef3-4e65-ba12-ba759eb8b6aa
SC.4.E.5.2:	Describe the changes in the observable shape of the moon over the course of about a month.	Exploring Space > Moon Phases > Explore > Core Interactive Text	https://app.discoveryeducation.com/learn/techbook/units/2d6964c8-2c8d-421d-a4df-37e4e92b9c74/concepts/ceeb7bfc-62a3-4e3b-ab1c-a41049f7d99d/tabs/759da9a7-2edf-4cde-9515-7081ca990764

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SC.4.E.5.2:	Describe the changes in the observable shape of the moon over the course of about a month.	Exploring Space > Moon Phases > Explore > Explore More Resources > Hands-On Activity: Sun, Earth, Moon	https://app.discoveryeducation.com/player/view/assetGuid/fed7bdfd-d204-4ebf-8f35-5f6268d58ce8
SC.4.E.5.2:	Describe the changes in the observable shape of the moon over the course of about a month.	Exploring Space > Moon Phases > Explore > Explore More Resources > Exploration: Moon Phases	https://app.discoveryeducation.com/player/view/assetGuid/dac072ad-6fd9-4e87-8f80-56096d9e25cd
SC.4.E.5.3:	Recognize that Earth revolves around the Sun in a year and rotates on its axis in a 24-hour day.	Exploring Space > The Cycle of Day and Night > Explore > Explore More Resources > Hands-On Activity: Rotate versus Revolve	https://app.discoveryeducation.com/player/view/assetGuid/14100cc3-9a09-45cc-aab8-1664261bcd60
SC.4.E.5.3:	Recognize that Earth revolves around the Sun in a year and rotates on its axis in a 24-hour day.	Exploring Space > The Cycle of Day and Night > Explore > Core Interactive Text > Exploration: The Cycle of Day and Night	https://app.discoveryeducation.com/player/view/assetGuid/1550baa3-bef3-4e65-ba12-ba759eb8b6aa
SC.4.E.5.3:	Recognize that Earth revolves around the Sun in a year and rotates on its axis in a 24-hour day.	Exploring Space > The Seasons > Explore > Core Interactive Text	https://app.discoveryeducation.com/learn/techbook/units/2d6964c8-2c8d-421d-a4df-37e4e92b9c74/concepts/f0040dfe-49e6-4c8a-a95f-2d3c9f3989a8/tabs/759da9a7-2edf-4cde-9515-7081ca990764
SC.4.E.5.4:	Relate that the rotation of Earth (day and night) and apparent movements of the Sun, Moon, and stars are connected.	Exploring Space > The Cycle of Day and Night > Explore > Explore More Resources > Hands-On Activity: Rotate versus Revolve	https://app.discoveryeducation.com/player/view/assetGuid/14100cc3-9a09-45cc-aab8-1664261bcd60
SC.4.E.5.4:	Relate that the rotation of Earth (day and night) and apparent movements of the Sun, Moon, and stars are connected.	Exploring Space > The Cycle of Day and Night > Explore > Core Interactive Text > Exploration: The Cycle of Day and Night	https://app.discoveryeducation.com/player/view/assetGuid/1550baa3-bef3-4e65-ba12-ba759eb8b6aa
SC.4.E.5.4:	Relate that the rotation of Earth (day and night) and apparent movements of the Sun, Moon, and stars are connected.	Exploring Space > The Cycle of Day and Night > Elaborate with STEM > STEM in Action: Technology and the Cycle of Day and Night	https://app.discoveryeducation.com/learn/techbook/units/2d6964c8-2c8d-421d-a4df-37e4e92b9c74/concepts/a80d7178-d686-404e-a796-f578714e24ff/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f

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SC.4.E.5.5:	Investigate and report the effects of space research and exploration on the economy and culture of Florida.	Exploring Space > Space Travel > Explore > Core Interactive Text	https://app.discoveryeducation.com/learn/techbook/units/2d6964c8-2c8d-421d-a4df-37e4e92b9c74/concepts/5cfa4fc5-db48-4a1b-9851-754a65ef6b5b/tabs/759da9a7-2edf-4cde-9515-7081ca990764
SC.4.E.5.5:	Investigate and report the effects of space research and exploration on the economy and culture of Florida.	Exploring Space > Space Travel > Elaborate with STEM > STEM in Action: Space Travel: Where Engineering, Technology, and Science Meet	https://app.discoveryeducation.com/learn/techbook/units/2d6964c8-2c8d-421d-a4df-37e4e92b9c74/concepts/5cfa4fc5-db48-4a1b-9851-754a65ef6b5b/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f
SC.4.E.6.1:	Identify the three categories of rocks: igneous, (formed from molten rock); sedimentary (pieces of other rocks and fossilized organisms); and metamorphic (formed from heat and pressure).	Earth Materials > Rocks > Explore > Core Interactive Text page 1 > Exploration: Rocks	https://app.discoveryeducation.com/player/view/assetGuid/46facd02-4f9c-4dc8-a008-8edf72d15dd6
SC.4.E.6.2:	Identify the physical properties of common earth-forming minerals, including hardness, color, luster, cleavage, and streak color, and recognize the role of minerals in the formation of rocks.	Earth Materials > Minerals > Explore > Explore More Resources > Reading Passage: Minerals: The Building Blocks of Rocks	https://app.discoveryeducation.com/player/view/assetGuid/7e45a48a-de6e-4cde-bc1f-14d6edbedd99
SC.4.E.6.2:	Identify the physical properties of common earth-forming minerals, including hardness, color, luster, cleavage, and streak color, and recognize the role of minerals in the formation of rocks.	Earth Materials > Minerals > Explore > Explore More Resources > Exploration: Minerals	https://app.discoveryeducation.com/player/view/assetGuid/d4b83b2e-bc9c-4721-ac61-91f37bfec14c

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SC.4.E.6.2:	Identify the physical properties of common earth-forming minerals, including hardness, color, luster, cleavage, and streak color, and recognize the role of minerals in the formation of rocks.	Earth Materials > Minerals > Elaborate with STEM > STEM in Action: Careers and Minerals	https://app.discoveryeducation.com/learn/techbook/units/c0d7d646-c4f5-4f7c-bc4e-dc79c4405c71/concepts/68ec2949-6941-42ab-bc4a-1aabc404e60e/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f
SC.4.E.6.3:	Recognize that humans need resources found on Earth and that these are either renewable or nonrenewable.	Natural Resources > Value of Renewable Resources > Explore > Core Interactive Text > Exploration: Value of Renewable Resources	https://app.discoveryeducation.com/player/view/assetGuid/42D9AE42-B79F-4814-9C57-473CF017DEB5
SC.4.E.6.3:	Recognize that humans need resources found on Earth and that these are either renewable or nonrenewable.	Natural Resources > Value of Renewable Resources > Explore > Explore More Resources > Hands-On Activity: Resources All Around Us	https://app.discoveryeducation.com/player/view/assetGuid/8fb4df60-6408-41f9-b0e3-0789df914d95
SC.4.E.6.3:	Recognize that humans need resources found on Earth and that these are either renewable or nonrenewable.	Natural Resources > Sunlight > Elaborate with STEM > STEM in Action: The Green Solar Revolution	https://app.discoveryeducation.com/learn/techbook/units/30b3bb85-ca2e-4fa0-999f-0dd6361c39e4/concepts/843a99f4-f17a-43b8-84e4-d1cfceafa945/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f
SC.4.E.6.4:	Describe the basic differences between physical weathering (breaking down of rock by wind, water, ice, temperature change, and plants) and erosion (movement of rock by gravity, wind, water, and ice).	Earth Materials > Erosion and Deposition > Explore > Core Interactive Text	https://app.discoveryeducation.com/learn/techbook/units/c0d7d646-c4f5-4f7c-bc4e-dc79c4405c71/concepts/65a6c748-135c-40c7-8f97-abf860137ae3/tabs/759da9a7-2edf-4cde-9515-7081ca990764

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SC.4.E.6.4:	Describe the basic differences between physical weathering (breaking down of rock by wind, water, ice, temperature change, and plants) and erosion (movement of rock by gravity, wind, water, and ice).	Earth Materials > Erosion and Deposition > Explore > Explore More Resources > Exploration: Forces That Shape the Earth	https://app.discoveryeducation.com/player/view/assetGuid/f98e890b-eb33-4607-9012-937736208b84
SC.4.E.6.4:	Describe the basic differences between physical weathering (breaking down of rock by wind, water, ice, temperature change, and plants) and erosion (movement of rock by gravity, wind, water, and ice).	Earth Materials > Erosion and Deposition > Explore > Explore More Resources > Exploration: Erosion and Deposition	https://app.discoveryeducation.com/player/view/assetGuid/13e41367-886c-4413-9a36-68961182cd80
SC.4.E.6.5:	Investigate how technology and tools help to extend the ability of humans to observe very small things and very large things.	Exploring Space > Moon Phases > Elaborate with STEM > STEM in Action: Technology and Moon Phases	https://app.discoveryeducation.com/learn/techbook/units/2d6964c8-2c8d-421d-a4df-37e4e92b9c74/concepts/ceeb7bfc-62a3-4e3b-ab1c-a41049f7d99d/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f
SC.4.E.6.5:	Investigate how technology and tools help to extend the ability of humans to observe very small things and very large things.	Exploring Space > Space Travel > Explore > Core Interactive Text	https://app.discoveryeducation.com/learn/techbook/units/2d6964c8-2c8d-421d-a4df-37e4e92b9c74/concepts/5cfa4fc5-db48-4a1b-9851-754a65ef6b5b/tabs/759da9a7-2edf-4cde-9515-7081ca990764
SC.4.E.6.6:	Identify resources available in Florida (water, phosphate, oil, limestone, silicon, wind, and solar energy).	Natural Resources > Value of Renewable Resources > Elaborate with STEM > STEM Project Starters page 4 > Project: Making the Best of Our Natural Resources	https://app.discoveryeducation.com/learn/techbook/units/30b3bb85-ca2e-4fa0-999f-0dd6361c39e4/concepts/94fad70a-0bd6-44bc-9740-f744c1bd6864/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/fdc39913-e5cb-4dcb-ad78-e3d1612ab331

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SC.4.L.16.1:	Identify processes of sexual reproduction in flowering plants, including pollination, fertilization (seed production), seed dispersal, and germination.	Life Cycles > Plant Reproduction > Explore > Explore More Resources > Reading Passage: An Important Yellow Dust	https://app.discoveryeducation.com/player/view/assetGuid/4a0aea06-7efb-4ec8-a075-293b5b07fbc2
SC.4.L.16.1:	Identify processes of sexual reproduction in flowering plants, including pollination, fertilization (seed production), seed dispersal, and germination.	Life Cycles > Plant Reproduction > Explore > Core Interactive Text page 1 > Fun-damental: Getting to Know Plants	https://app.discoveryeducation.com/player/view/assetGuid/c19d5061-499b-451e-ae56-d4d677494728
SC.4.L.16.2:	Explain that although characteristics of plants and animals are inherited, some characteristics can be affected by the environment.	Traits and Inheritance > Similarities of Parents and Offspring > Explore > Explore More Resources > Reading Passage: Parents and Offspring	https://app.discoveryeducation.com/player/view/assetGuid/77075006-da97-4777-89d2-abdd3a9a7737
SC.4.L.16.2:	Explain that although characteristics of plants and animals are inherited, some characteristics can be affected by the environment.	Traits and Inheritance > Similarities of Parents and Offspring > Explore > Core Interactive Text	https://app.discoveryeducation.com/learn/techbook/units/0f062f76-460b-4d3a-91ba-33369ded3d45/concepts/90030c16-ea12-4fda-a7aa-2ec351c6dc8d/tabs/759da9a7-2edf-4cde-9515-7081ca990764
SC.4.L.16.2:	Explain that although characteristics of plants and animals are inherited, some characteristics can be affected by the environment.	Traits and Inheritance > Similarities of Parents and Offspring > Explore > Core Interactive Text > Exploration: Similarities of Parents and Offspring	https://app.discoveryeducation.com/player/view/assetGuid/9d86d2f3-24c5-465c-a31e-49cc99a8f8ed
SC.4.L.16.3:	Recognize that animal behaviors may be shaped by heredity and learning.	Traits and Inheritance > Learning > Explore > Core Interactive Text	https://app.discoveryeducation.com/learn/techbook/units/0f062f76-460b-4d3a-91ba-33369ded3d45/concepts/431ac45b-577c-404c-9400-2819c0139cbf/tabs/759da9a7-2edf-4cde-9515-7081ca990764
SC.4.L.16.3:	Recognize that animal behaviors may be shaped by heredity and learning.	Traits and Inheritance > Learning > Explore > Core Interactive Text page 1 > Exploration: Learning	https://app.discoveryeducation.com/player/view/assetGuid/09da3825-ab96-4b3d-838f-da600cf2ef66

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SC.4.L.16.3:	Recognize that animal behaviors may be shaped by heredity and learning.	Traits and Inheritance > Learning > Elaborate with STEM > STEM in Action: Farm Animal Behaviors: Inherited and Learned	https://app.discoveryeducation.com/learn/techbook/units/0f062f76-460b-4d3a-91ba-33369ded3d45/concepts/431ac45b-577c-404c-9400-2819c0139cbf/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/58d4faad-9d6f-4c42-871c-a6834614cef4
SC.4.L.16.4:	Compare and contrast the major stages in the life cycles of Florida plants and animals, such as those that undergo incomplete and complete metamorphosis, and flowering and nonflowering seed-bearing plants.	Life Cycles > Plant Life Cycles > Explore > Explore More Resources > Collaborative Project: Plant Population	https://app.discoveryeducation.com/player/view/assetGuid/aa4d794c-5a6d-4d2e-82c6-6553a1583907
SC.4.L.16.4:	Compare and contrast the major stages in the life cycles of Florida plants and animals, such as those that undergo incomplete and complete metamorphosis, and flowering and nonflowering seed-bearing plants.	Life Cycles > Plant Life Cycles > Explore > Explore More Resources > HOA: Plant Life Cycle Mobile	https://app.discoveryeducation.com/player/view/assetGuid/8b4428bd-ceb6-470b-82fb-ba901d8342bc
SC.4.L.16.4:	Compare and contrast the major stages in the life cycles of Florida plants and animals, such as those that undergo incomplete and complete metamorphosis, and flowering and nonflowering seed-bearing plants.	Life Cycles > Animal Life Cycles > Explore > Core Interactive Text > Fun-damental: Animals: Growing Up	https://app.discoveryeducation.com/player/view/assetGuid/cbe7aaaa-e889-4706-88d3-05f84cfc9423

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SC.4.L.16.4:	Compare and contrast the major stages in the life cycles of Florida plants and animals, such as those that undergo incomplete and complete metamorphosis, and flowering and nonflowering seed-bearing plants.	Life Cycles > Animal Life Cycles > Explore > Core Interactive Text	https://app.discoveryeducation.com/learn/techbook/units/1806e9bf-d5d0-4826-b47d-9c52cd852166/concepts/f6166677-9665-4fee-a74d-b7c265d33f0e/tabs/759da9a7-2edf-4cde-9515-7081ca990764
SC.4.L.16.4:	Compare and contrast the major stages in the life cycles of Florida plants and animals, such as those that undergo incomplete and complete metamorphosis, and flowering and nonflowering seed-bearing plants.	Life Cycles > Animal Life Cycles > Explore > Explore More Resources > Reading Passage: Life Cycles of Organisms	https://app.discoveryeducation.com/player/view/assetGuid/d0d0eceb-33fb-4338-a942-047e553dcf2a
SC.4.L.17.1:	Compare the seasonal changes in Florida plants and animals to those in other regions of the country.	Life Cycles > Habitat Characteristics > Elaborate with STEM > STEM Project Starters page 4 > Project: Comparing Habitats	https://app.discoveryeducation.com/learn/techbook/units/1806e9bf-d5d0-4826-b47d-9c52cd852166/concepts/d9e7eca6-409b-4995-aeb4-8fdc66075088/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/445bcc17-6d6f-4b69-aa5b-c6bf96ccb0f5
SC.4.L.17.2:	Explain that animals, including humans, cannot make their own food and that when animals eat plants or other animals, the energy stored in the food source is passed to them.	Ecosystems > Interactions in Ecosystems > Explore > Explore More Resources > Exploration: Who's for Dinner?	https://app.discoveryeducation.com/player/view/assetGuid/c5a5678f-b847-4bd1-b552-43729fb271eb
SC.4.L.17.2:	Explain that animals, including humans, cannot make their own food and that when animals eat plants or other animals, the energy stored in the food source is passed to them.	Life Cycles > Food and Oxygen > Explore > Explore More Resources > Reading Passage: Food and Energy	https://app.discoveryeducation.com/player/view/assetGuid/185ec137-4b76-4623-a2b3-42e85da75f9c

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SC.4.L.17.2:	Explain that animals, including humans, cannot make their own food and that when animals eat plants or other animals, the energy stored in the food source is passed to them.	Life Cycles > Food and Oxygen > Explore > Core Interactive Text	https://app.discoveryeducation.com/learn/techbook/units/1806e9bf-d5d0-4826-b47d-9c52cd852166/concepts/0bc69954-e7fa-4028-b92d-a537abdb20b3/tabs/759da9a7-2edf-4cde-9515-7081ca990764
SC.4.L.17.3:	Trace the flow of energy from the Sun as it is transferred along the food chain through the producers to the consumers.	Ecosystems > Interactions in Ecosystems > Explore > Core Interactive Text	https://app.discoveryeducation.com/learn/techbook/units/8c0158c0-7283-4ea3-9798-77e0f51c21bb/concepts/f30e1269-5dce-484a-80a0-a6c083710bd3/tabs/759da9a7-2edf-4cde-9515-7081ca990764
SC.4.L.17.3:	Trace the flow of energy from the Sun as it is transferred along the food chain through the producers to the consumers.	Ecosystems > Interactions in Ecosystems > Explore > Explore More Resources > Exploration: Who's for Dinner?	https://app.discoveryeducation.com/player/view/assetGuid/c5a5678f-b847-4bd1-b552-43729fb271eb
SC.4.L.17.4:	Recognize ways plants and animals, including humans, can impact the environment.	Ecosystems > Human Effects on Ecosystems > Explore > Core Interactive Text > Hands-On Activity: It's All Downstream	https://app.discoveryeducation.com/player/view/assetGuid/D4471222-EAE3-490C-9F7E-5BA353A01CFC
SC.4.L.17.4:	Recognize ways plants and animals, including humans, can impact the environment.	Ecosystems > Human Effects on Ecosystems > Explore > Explore More Resources > Reading Passage: Stressed Out	https://app.discoveryeducation.com/player/view/assetGuid/4157e142-3c62-47d2-979d-e8ab37e5055a

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SC.4.N.1.1:	Raise questions about the natural world, use appropriate reference materials that support understanding to obtain information (identifying the source), conduct both individual and team investigations through free exploration and systematic investigations, and generate appropriate explanations based on those explorations.	Exploring Space > The Seasons > Elaborate with STEM > STEM Project Starters page 1 > Project: How Will the Shadow Change?	https://app.discoveryeducation.com/learn/techbook/units/2d6964c8-2c8d-421d-a4df-37e4e92b9c74/concepts/f0040dfe-49e6-4c8a-a95f-2d3c9f3989a8/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/9d6fedde-cd0d-4b09-afc9-8143033ab069
SC.4.N.1.1:	Raise questions about the natural world, use appropriate reference materials that support understanding to obtain information (identifying the source), conduct both individual and team investigations through free exploration and systematic investigations, and generate appropriate explanations based on those explorations.	Traits and Inheritance > Learning > Explore > Explore More Resources > Hands-On Activity: Stimuli and Responses	https://app.discoveryeducation.com/player/view/assetGuid/93ad2d26-70b4-4ffe-83f6-2ac7872cda52

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SC.4.N.1.1:	Raise questions about the natural world, use appropriate reference materials that support understanding to obtain information (identifying the source), conduct both individual and team investigations through free exploration and systematic investigations, and generate appropriate explanations based on those explorations.	Ecosystems > Interactions in Ecosystems > Elaborate with STEM > STEM Project Starters page 4 > Project: Hazard at Home	https://app.discoveryeducation.com/learn/techbook/units/8c0158c0-7283-4ea3-9798-77e0f51c21bb/concepts/f30e1269-5dce-484a-80a0-a6c083710bd3/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/66a52b89-ff7f-4ef5-bf26-11f2381046e1
SC.4.N.1.2:	Compare the observations made by different groups using multiple tools and seek reasons to explain the differences across groups.	Properties of Matter > Mass and Weight > Elaborate with STEM > STEM Project Starters page 1 > Project: Learning to Use Scientific Tools: Pan Balances and Spring Scales	https://app.discoveryeducation.com/learn/techbook/units/29f6b6e1-4b14-4c14-82af-5173e6765cda/concepts/183bf488-b7d7-45b2-b367-2990b943b76c/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/3a5d0db5-7853-4f45-91f2-fe5679d96fd9
SC.4.N.1.2:	Compare the observations made by different groups using multiple tools and seek reasons to explain the differences across groups.	Energy > Heat Transfer > Explore > Explore More Resources > Collaborative Project: Heat Transfer: The Great Ice Melt	https://app.discoveryeducation.com/player/view/assetGuid/a6cabf97-672a-452e-8ab0-bed19b1deb6b
SC.4.N.1.2:	Compare the observations made by different groups using multiple tools and seek reasons to explain the differences across groups.	Motion > Describing Motion > Elaborate with STEM > STEM Project Starters page 1 > Project: What Is Your Running Speed?	https://app.discoveryeducation.com/learn/techbook/units/516d649b-1609-4462-9427-6d1f84353413/concepts/7728c222-c9b7-4b8a-8262-53603b72bdf8/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/fc1c2305-f82a-491b-aeb1-5160db338741
SC.4.N.1.3:	Explain that science does not always follow a rigidly defined method ("the scientific method") but that science does involve the use of observations and empirical evidence.	Earth Materials > Minerals > Elaborate with STEM > STEM in Action: Careers and Minerals	https://app.discoveryeducation.com/learn/techbook/units/c0d7d646-c4f5-4f7c-bc4e-dc79c4405c71/concepts/68ec2949-6941-42ab-bc4a-1aabc404e60e/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f

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SC.4.N.1.3:	Explain that science does not always follow a rigidly defined method ("the scientific method") but that science does involve the use of observations and empirical evidence.	Ecosystems > Parts of Ecosystems > Elaborate with STEM > STEM in Action	https://app.discoveryeducation.com/learn/techbook/units/8c0158c0-7283-4ea3-9798-77e0f51c21bb/concepts/c5314c08-51b2-4172-969d-c0894b0caefe/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f
SC.4.N.1.3:	Explain that science does not always follow a rigidly defined method ("the scientific method") but that science does involve the use of observations and empirical evidence.	Natural Resources > Fossil Fuels > Elaborate with STEM > STEM in Action > Oil Drillers and ROVs	https://app.discoveryeducation.com/learn/techbook/units/30b3bb85-ca2e-4fa0-999f-0dd6361c39e4/concepts/14c24cf3-4c61-4438-9910-59910ef51b79/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f
SC.4.N.1.4:	Attempt reasonable answers to scientific questions and cite evidence in support.	Earth Materials > Erosion and Deposition > Explore > Explore More Resources > Hands-On Lab: The Case of the Disappearing Soccer Field	https://app.discoveryeducation.com/player/view/assetGuid/a2283ba6-4272-4e67-b107-21b5472b1c6a
SC.4.N.1.4:	Attempt reasonable answers to scientific questions and cite evidence in support.	Properties of Matter > Magnets > Elaborate with STEM > STEM Project Starters page 2 > Project: Design an Electromagnet	https://app.discoveryeducation.com/learn/techbook/units/29f6b6e1-4b14-4c14-82af-5173e6765cda/concepts/2e662483-0c4e-47e5-be81-77b69d335f77/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/a3db775f-acf2-43b6-aefc-3e503c93bc71
SC.4.N.1.4:	Attempt reasonable answers to scientific questions and cite evidence in support.	Traits and Inheritance > Learning > Explore > Explore More Resources > Hands-On Activity: Stimuli and Responses	https://app.discoveryeducation.com/player/view/assetGuid/93ad2d26-70b4-4ffe-83f6-2ac7872cda52
SC.4.N.1.5:	Compare the methods and results of investigations done by other classmates.	Exploring Space > Space Travel > Explore > Explore More Resources > Hands-On Activity: Sample Analysis	https://app.discoveryeducation.com/player/view/assetGuid/13080e56-b729-4652-8d50-fb7971a67a0a

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SC.4.N.1.5:	Compare the methods and results of investigations done by other classmates.	Natural Resources > Value of Renewable Resources > Elaborate with STEM > STEM Project Starters page 3 > Project: Wow, Windmills!	https://app.discoveryeducation.com/learn/techbook/units/30b3bb85-ca2e-4fa0-999f-0dd6361c39e4/concepts/94fad70a-0bd6-44bc-9740-f744c1bd6864/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/9d299893-2cdf-403b-a5d0-bff8a379c4f4
SC.4.N.1.5:	Compare the methods and results of investigations done by other classmates.	Sound > Sound Waves > Explore > Explore More Resources > Hands-On Activity: Model a Sound Wave	https://app.discoveryeducation.com/player/view/assetGuid/7ee110eb-56a4-4418-aa06-51c7dd9d4cc4
SC.4.N.1.6:	Keep records that describe observations made, carefully distinguishing actual observations from ideas and inferences about the observations.	Properties of Matter > Mass and Weight > Explore > Explore More Resources > Hands-On Lab: Researching Physical Properties of Matter	https://app.discoveryeducation.com/player/view/assetGuid/5bf46374-ab07-44a1-9017-92af33976814
SC.4.N.1.6:	Keep records that describe observations made, carefully distinguishing actual observations from ideas and inferences about the observations.	Properties of Matter > Magnets > Explore > Explore More Resources > Hands-On Activity: Magnetic Poles	https://app.discoveryeducation.com/player/view/assetGuid/5409ddea-6a96-4d7d-8235-c00e95c7b70e
SC.4.N.1.7:	Recognize and explain that scientists base their explanations on evidence.	Exploring Space > Moon Phases > Elaborate with STEM > STEM in Action: Technology and Moon Phases	https://app.discoveryeducation.com/learn/techbook/units/2d6964c8-2c8d-421d-a4df-37e4e92b9c74/concepts/ceeb7bfc-62a3-4e3b-ab1c-a41049f7d99d/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f
SC.4.N.1.7:	Recognize and explain that scientists base their explanations on evidence.	Ecosystems > Short-Term Changes in Ecosystems > Explore > Explore More Resources > Hands-On Activity: Acid Rain	https://app.discoveryeducation.com/player/view/assetGuid/45dd01da-44c5-47d4-abf0-d97ecc5ec776
SC.4.N.1.7:	Recognize and explain that scientists base their explanations on evidence.	Ecosystems> Long-Term Changes in Ecosystems > Elaborate with STEM > STEM Project Starters page 2 > Project: Analyzing Carbon Dioxide Emissions	https://app.discoveryeducation.com/learn/techbook/units/8c0158c0-7283-4ea3-9798-77e0f51c21bb/concepts/06486f67-81f4-4d3c-91bf-02d8dfca6a26/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/90c849fd-eb19-4607-8a77-a150d309b235

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SC.4.N.1.8:	Recognize that science involves creativity in designing experiments.	Exploring Space > Space Travel > Elaborate with STEM > STEM in Action: Space Travel: Where Engineering, Technology, and Science Meet	https://app.discoveryeducation.com/learn/techbook/units/2d6964c8-2c8d-421d-a4df-37e4e92b9c74/concepts/5cfa4fc5-db48-4a1b-9851-754a65ef6b5b/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f
SC.4.N.1.8:	Recognize that science involves creativity in designing experiments.	Energy > Forms of Energy > Elaborate with STEM > STEM in Action: Finding New Fuels	https://app.discoveryeducation.com/learn/techbook/units/fb1cb371-11a2-4448-b45d-7a1ca5b76e0d/concepts/72b22ab0-5f7e-4ced-85b4-66214271dfd7/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/bc57ee30-7e6d-4da6-80de-a444280a36b3
SC.4.N.1.8:	Recognize that science involves creativity in designing experiments.	Ecosystems > Human Effects on Ecosystems > Elaborate with STEM > STEM Project Starters page 2 > Project: The Puzzle of the Missing Salmon	https://app.discoveryeducation.com/learn/techbook/units/8c0158c0-7283-4ea3-9798-77e0f51c21bb/concepts/8dd66f98-60db-4491-b8d5-19bbbc66d19d/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/cf524f95-aa21-4ef2-bea7-8b4dae1b52bf
SC.4.N.2.1:	Explain that science focuses solely on the natural world.	Earth Materials > Minerals > Elaborate with STEM > STEM in Action: Careers and Minerals	https://app.discoveryeducation.com/learn/techbook/units/c0d7d646-c4f5-4f7c-bc4e-dc79c4405c71/concepts/68ec2949-6941-42ab-bc4a-1aabc404e60e/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f
SC.4.N.2.1:	Explain that science focuses solely on the natural world.	Earth Materials > Rock Dating > Elaborate with STEM > STEM in Action > TEI: Using Technology	https://app.discoveryeducation.com/learn/techbook/units/c0d7d646-c4f5-4f7c-bc4e-dc79c4405c71/concepts/ae8b7826-4ecd-401a-8fbf-ac53b8804a03/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f
SC.4.N.3.1:	Explain that models can be three dimensional, two dimensional, an explanation in your mind, or a computer model.	Earth Materials > Erosion and Deposition > Elaborate with STEM > STEM Project Starters page 2 > Project: Investigating Rock Weathering	https://app.discoveryeducation.com/learn/techbook/units/c0d7d646-c4f5-4f7c-bc4e-dc79c4405c71/concepts/65a6c748-135c-40c7-8f97-abf860137ae3/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/fa1357a3-3b80-4a24-ae91-6a262829901f
SC.4.N.3.1:	Explain that models can be three dimensional, two dimensional, an explanation in your mind, or a computer model.	Ecosystems > Short-Term Changes in Ecosystems > Explore > Explore More Resources > Hands-On Activity: Acid Rain	https://app.discoveryeducation.com/player/view/assetGuid/45dd01da-44c5-47d4-abf0-d97ecc5ec776

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SC.4.P.8.1:	Measure and compare objects and materials based on their physical properties including: mass, shape, volume, color, hardness, texture, odor, taste, attraction to magnets.	Properties of Matter > Mass and Weight > Explore > Explore More Resources > Hands-On Activity: Comparing Mass	https://app.discoveryeducation.com/player/view/assetGuid/183ede1d-52db-48bf-87de-25b03c496ce0
SC.4.P.8.1:	Measure and compare objects and materials based on their physical properties including: mass, shape, volume, color, hardness, texture, odor, taste, attraction to magnets.	Properties of Matter > Mass and Weight > Explore > Explore More Resources > Hands-On Lab: Researching Physical Properties of Matter	https://app.discoveryeducation.com/player/view/assetGuid/5bf46374-ab07-44a1-9017-92af33976814
SC.4.P.8.1:	Measure and compare objects and materials based on their physical properties including: mass, shape, volume, color, hardness, texture, odor, taste, attraction to magnets.	Properties of Matter > Mass and Weight > Explore > Explore More Resources > Exploration: Mass and Weight	https://app.discoveryeducation.com/player/view/assetGuid/9ccc68bb-5971-4e1e-b603-11261929c588
SC.4.P.8.2:	Identify properties and common uses of water in each of its states.	Energy > Temperature > Explore More Resources > HOA: Heating Ice	https://app.discoveryeducation.com/player/view/assetGuid/bf8939aa-83f1-447c-8c15-106b51b0b6e1
SC.4.P.8.2:	Identify properties and common uses of water in each of its states.	Properties of Matter > Size and Shape > Explore > HOA: Changing States of Matter	https://app.discoveryeducation.com/player/view/assetGuid/13CC6860-E15D-4114-AB94-BA5B737D18BF
SC.4.P.8.3:	Explore the Law of Conservation of Mass by demonstrating that the mass of a whole object is always the same as the sum of the masses of its parts.	Properties of Matter > Mass and Weight > Explore > Explore More Resources > Hands-On Activity: What's the Sum?	https://app.discoveryeducation.com/player/view/assetGuid/b7300514-bb3c-4d4f-9c55-4219bf9ff260
SC.4.P.8.4:	Investigate and describe that magnets can attract magnetic materials and attract and repel other magnets.	Properties of Matter > Magnets > Explore > Explore More Resources > Hands-On Activity: Magnetic Poles	https://app.discoveryeducation.com/player/view/assetGuid/5409ddea-6a96-4d7d-8235-c00e95c7b70e

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SC.4.P.8.4:	Investigate and describe that magnets can attract magnetic materials and attract and repel other magnets.	Properties of Matter > Magnets > Explore > Core Interactive Text page 1 > Exploration: The Attraction Is Mutual	https://app.discoveryeducation.com/player/view/assetGuid/b097d44c-0483-4bfd-861f-7834f782efba
SC.4.P.9.1:	Identify some familiar changes in materials that result in other materials with different characteristics, such as decaying animal or plant matter, burning, rusting, and cooking.	Life Cycles > Decomposition > Explore > Explore More Resources > HOA: Making a Compost Pile	https://app.discoveryeducation.com/player/view/assetGuid/afe3ac0f-819a-456b-960f-def36b8e5ec4
SC.4.P.9.1:	Identify some familiar changes in materials that result in other materials with different characteristics, such as decaying animal or plant matter, burning, rusting, and cooking.	Properties of Matter > Materials for a Purpose > Elaborate with STEM > STEM Project Starters pag 3 > Project: Controlling Materials Changes	https://app.discoveryeducation.com/learn/techbook/units/29f6b6e1-4b14-4c14-82af-5173e6765cda/concepts/e73abe48-8d99-429e-af8e-ca5f4b620999/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/02cd717b-c887-4bc1-9830-26aef666aa3a
SC.4.P.10.1:	Observe and describe some basic forms of energy, including light, heat, sound, electrical, and the energy of motion.	Energy > Forms of Energy > Explore > Explore More Resources > Exploration: Forms of Energy	https://app.discoveryeducation.com/player/view/assetGuid/85592183-a6ee-42a8-8cfc-201bde51df1a
SC.4.P.10.1:	Observe and describe some basic forms of energy, including light, heat, sound, electrical, and the energy of motion.	Energy > Forms of Energy > Elaborate with STEM > STEM Project Starters page 1 > Project: How Do You Use Energy?	https://app.discoveryeducation.com/learn/techbook/units/fb1cb371-11a2-4448-b45d-7a1ca5b76e0d/concepts/72b22ab0-5f7e-4ced-85b4-66214271dfd7/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/c276b60e-39c7-4d22-bae2-678db388370d
SC.4.P.10.1:	Observe and describe some basic forms of energy, including light, heat, sound, electrical, and the energy of motion.	Energy > Forms of Energy > Explore > Core Interactive Text > Reading Passage: Getting to Know: Forms of Energy	https://app.discoveryeducation.com/player/view/assetGuid/cec83592-f4f6-4dcc-b63f-de18e076c305

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SC.4.P.10.2:	Investigate and describe that energy has the ability to cause motion or create change.	Energy > Energy in Systems > Explore > Core Interactive Text > TEI: Hamster Power	https://app.discoveryeducation.com/learn/techbook/units/fb1cb371-11a2-4448-b45d-7a1ca5b76e0d/concepts/37df3c87-2a6b-4754-8e4e-f2e041d062d7/tabs/759da9a7-2edf-4cde-9515-7081ca990764
SC.4.P.10.2:	Investigate and describe that energy has the ability to cause motion or create change.	Energy > Energy in Systems > Explore > Exploration: Energy in Systems	https://app.discoveryeducation.com/player/view/assetGuid/ad1b8acc-bbd0-42b3-b7cc-2a0ee702afc1
SC.4.P.10.3:	Investigate and explain that sound is produced by vibrating objects and that pitch depends on how fast or slow the object vibrates.	Sound > Sound Waves > Explore > Core Interactive Text > Exploration: Sound Waves	https://app.discoveryeducation.com/player/view/assetGuid/6b98c3db-7ae0-4a35-bcfa-90fc0178fc06
SC.4.P.10.3:	Investigate and explain that sound is produced by vibrating objects and that pitch depends on how fast or slow the object vibrates.	Sound > Sound Waves > Explore > Explore More Resources > Hands-On Activity: Sound Waves	https://app.discoveryeducation.com/player/view/assetGuid/b1c2f874-e40e-4dc2-a450-2e7920c6ad0e
SC.4.P.10.3:	Investigate and explain that sound is produced by vibrating objects and that pitch depends on how fast or slow the object vibrates.	Sound > Sound Waves > Explore > Core Interactive Text > Exploration: Pitch	https://app.discoveryeducation.com/player/view/assetGuid/9eae0389-75cf-42fb-86dc-093d57f595c9
SC.4.P.10.4:	Describe how moving water and air are sources of energy and can be used to move things.	Energy > Forms of Energy > Explore > Explore More Resources > Hands-On Activity: Wind Energy	https://app.discoveryeducation.com/player/view/assetGuid/f7d61a06-7b15-448e-b690-44f9a335a44f
SC.4.P.10.4:	Describe how moving water and air are sources of energy and can be used to move things.	Energy > Forms of Energy > Elaborate with STEM > STEM Project Starters page 3 > Project: Wind and Water Power	https://app.discoveryeducation.com/learn/techbook/units/fb1cb371-11a2-4448-b45d-7a1ca5b76e0d/concepts/72b22ab0-5f7e-4ced-85b4-66214271dfd7/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/1bdee313-8404-4cb4-8bfb-4d1ca9ec3bca
SC.4.P.11.1:	Recognize that heat flows from a hot object to a cold object and that heat flow may cause materials to change temperature.	Energy > Heat Transfer > Explore > Core Interactive Text > Exploration: Heat Transfer	https://app.discoveryeducation.com/player/view/assetGuid/2b17f0f0-6da5-4232-b578-d425cb8b9111

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SC.4.P.11.1:	Recognize that heat flows from a hot object to a cold object and that heat flow may cause materials to change temperature.	Energy > Heat Transfer > Explore > Core Interactive Text	https://app.discoveryeducation.com/learn/techbook/units/fb1cb371-11a2-4448-b45d-7a1ca5b76e0d/concepts/715730b1-abc7-4a28-941f-25f6c4694e33/tabs/759da9a7-2edf-4cde-9515-7081ca990764
SC.4.P.11.1:	Recognize that heat flows from a hot object to a cold object and that heat flow may cause materials to change temperature.	Energy > Heat Transfer > Explore > Explore More Resources > Collaborative Project: Heat Transfer: The Great Ice Melt	https://app.discoveryeducation.com/player/view/assetGuid/a6cabf97-672a-452e-8ab0-bed19b1deb6b
SC.4.P.11.2:	Identify common materials that conduct heat well or poorly.	Energy > Heat Transfer > Explore > Core Interactive Text > Exploration: Heat on the Move	https://app.discoveryeducation.com/player/view/assetGuid/699e0dca-df54-4ce6-8198-b28c310313cd
SC.4.P.11.2:	Identify common materials that conduct heat well or poorly.	Energy > Heat Transfer > Explore > Core Interactive Text	https://app.discoveryeducation.com/learn/techbook/units/fb1cb371-11a2-4448-b45d-7a1ca5b76e0d/concepts/715730b1-abc7-4a28-941f-25f6c4694e33/tabs/759da9a7-2edf-4cde-9515-7081ca990764
SC.4.P.11.2:	Identify common materials that conduct heat well or poorly.	Energy > Heat Transfer > Explore > Explore More Resources > Collaborative Project: Heat Transfer: The Great Ice Melt	https://app.discoveryeducation.com/player/view/assetGuid/a6cabf97-672a-452e-8ab0-bed19b1deb6b
SC.4.P.12.1:	Recognize that an object in motion always changes its position and may change its direction.	Motion > Describing Motion > Explore > Explore More Resources > Reading Passage: Slow Motion	https://app.discoveryeducation.com/player/view/assetGuid/7b2253ba-458a-4c63-a8d7-a9198d2ce64f
SC.4.P.12.1:	Recognize that an object in motion always changes its position and may change its direction.	Motion > Describing Motion > Explore > Explore More Resources > Exploration: On the Move	https://app.discoveryeducation.com/player/view/assetGuid/720d98dd-a03f-489d-b4ca-0ccfb67bdade
SC.4.P.12.2:	Investigate and describe that the speed of an object is determined by the distance it travels in a unit of time and that objects can move at different speeds.	Motion > Speed, Distance, and Time > Explore > Explore More Resources > Hands-On Activity: The Slow Race	https://app.discoveryeducation.com/player/view/assetGuid/d1541560-6745-492d-bab2-208425210607

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SC.4.P.12.2:	Investigate and describe that the speed of an object is determined by the distance it travels in a unit of time and that objects can move at different speeds.	Motion > Speed, Distance, and Time > Explore > Explore More Resources > Exploration: Describing Motion	https://app.discoveryeducation.com/player/view/assetGuid/d9592706-c487-4eb3-9f30-e732a7cd9ad8
SC.4.P.12.2:	Investigate and describe that the speed of an object is determined by the distance it travels in a unit of time and that objects can move at different speeds.	Motion > Speed, Distance, and Time > Explore > Explore More Resources > Reading Passage: Comparing Speeds	https://app.discoveryeducation.com/player/view/assetGuid/23683940-6702-472a-acc8-0e4c6abc81c0
LAFS.4.RI.1.3:	Explain events, procedures, ideas, or concepts in a historical, scientific, or technical text, including what happened and why, based on specific information in the text.	Properties of Matter > Mass and Weight > Explore > Explore More Resources > Reading Passage: The Legend of the Gold Crown and the Bathtub	https://app.discoveryeducation.com/player/view/assetGuid/76f173fa-f36d-4f6a-88c8-e97d3c57d464
LAFS.4.RI.2.4:	Determine the meaning of general academic and domain-specific words or phrases in a text relevant to a *grade 4 topic or subject area* .	Earth Materials > Rocks > Explore > Explore More Resources > Reading Passage: The Great Wall of China and the Three Kinds of Rocks	https://app.discoveryeducation.com/player/view/assetGuid/a98526bf-251f-4eb7-94ab-84cdf3f3a1ea
LAFS.4.RI.2.4:	Determine the meaning of general academic and domain-specific words or phrases in a text relevant to a *grade 4 topic or subject area* .	Natural Resources > Value of Renewable Resources > Explore > Explore More Resources > Reading Passage: Extremophiles and Renewable Resources	https://app.discoveryeducation.com/player/view/assetGuid/6ce5c7d5-724d-4f65-b584-f5bb1379a97c
LAFS.4.RI.2.4:	Determine the meaning of general academic and domain-specific words or phrases in a text relevant to a *grade 4 topic or subject area* .	Properties of Matter > Mass and Weight > Explore > Explore More Resources > Reading Passage: Build Strength Fast!	https://app.discoveryeducation.com/player/view/assetGuid/19845768-c702-4ac6-a92a-427776f99247

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LAFS.4.RI.4.10:	By the end of year, read and comprehend informational texts, including history/social studies, science, and technical texts, in the grades 4–5 text complexity band proficiently, with scaffolding as needed at the high end of the range.	Exploring Space > Moon Phases > Explore > Explore More Resources > Reading Passage: An Inuit Legend	https://app.discoveryeducation.com/player/view/assetGuid/b1db9231-baee-4f39-8979-93ca9593c907
LAFS.4.RI.4.10:	By the end of year, read and comprehend informational texts, including history/social studies, science, and technical texts, in the grades 4–5 text complexity band proficiently, with scaffolding as needed at the high end of the range.	Properties of Matter > Measuring Matter > Explore > Explore More Resources > Reading Passage: Mission to Mars!	https://app.discoveryeducation.com/player/view/assetGuid/0de17dd3-fe98-4ba7-b77c-e460241df28c
LAFS.4.SL.1.1:	Engage effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grade *4 topics and texts* , building on others' ideas and expressing their own clearly.	Earth Materials > Minerals > Elaborate with STEM > STEM Project Starters page 1 > Project: Fluorescent Minerals	https://app.discoveryeducation.com/learn/techbook/units/c0d7d646-c4f5-4f7c-bc4e-dc79c4405c71/concepts/68ec2949-6941-42ab-bc4a-1aabc404e60e/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/c04c8c46-650f-42c9-a6dc-7df9d1df4fe2
LAFS.4.SL.1.1:	Engage effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grade *4 topics and texts* , building on others' ideas and expressing their own clearly.	Energy > Forms of Energy > Explore > Explore More Resources > Hands-On Activity: Wind Energy	https://app.discoveryeducation.com/player/view/assetGuid/f7d61a06-7b15-448e-b690-44f9a335a44f

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LAFS.4.SL.1.1:	Engage effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grade *4 topics and texts* , building on others' ideas and expressing their own clearly.	Traits and Inheritance > Learning > Elaborate with STEM > STEM Project Starters page 1 > Reengineering a Horse Feeder	https://app.discoveryeducation.com/learn/techbook/units/0f062f76-460b-4d3a-91ba-33369ded3d45/concepts/431ac45b-577c-404c-9400-2819c0139cbf/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/7243bcc6-e257-45a4-8c47-894dc9cb0916
LAFS.4.SL.1.1:	a. Come to discussions prepared, having read or studied required material; explicitly draw on that preparation and other information known about the topic to explore ideas under discussion.	Ecosystems > Long Term Changes in Ecosystems > Explore > Core Interacitve Text	https://app.discoveryeducation.com/learn/techbook/units/8c0158c0-7283-4ea3-9798-77e0f51c21bb/concepts/06486f67-81f4-4d3c-91bf-02d8dfca6a26/tabs/759da9a7-2edf-4cde-9515-7081ca990764
LAFS.4.SL.1.1:	a. Come to discussions prepared, having read or studied required material; explicitly draw on that preparation and other information known about the topic to explore ideas under discussion.	Natural Resources > Fossil Fuels > Explore > Core Interactive Text	https://app.discoveryeducation.com/learn/techbook/units/30b3bb85-ca2e-4fa0-999f-0dd6361c39e4/concepts/14c24cf3-4c61-4438-9910-59910ef51b79/tabs/759da9a7-2edf-4cde-9515-7081ca990764
LAFS.4.SL.1.1:	a. Come to discussions prepared, having read or studied required material; explicitly draw on that preparation and other information known about the topic to explore ideas under discussion.	Natural Resources > Fossil Fuels > Explore > Core Interactive Text	https://app.discoveryeducation.com/learn/techbook/units/30b3bb85-ca2e-4fa0-999f-0dd6361c39e4/concepts/14c24cf3-4c61-4438-9910-59910ef51b79/tabs/759da9a7-2edf-4cde-9515-7081ca990764
LAFS.4.SL.1.1:	b. Follow agreed-upon rules for discussions and carry out assigned roles.	Ecosystems > Long Term Changes in Ecosystems > Explore > Core Interacitve Text	https://app.discoveryeducation.com/learn/techbook/units/8c0158c0-7283-4ea3-9798-77e0f51c21bb/concepts/06486f67-81f4-4d3c-91bf-02d8dfca6a26/tabs/759da9a7-2edf-4cde-9515-7081ca990764

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LAFS.4.SL.1.1:	b. Follow agreed-upon rules for discussions and carry out assigned roles.	Natural Resources > Fossil Fuels > Explore > Core Interactive Text	https://app.discoveryeducation.com/learn/techbook/units/30b3bb85-ca2e-4fa0-999f-0dd6361c39e4/concepts/14c24cf3-4c61-4438-9910-59910ef51b79/tabs/759da9a7-2edf-4cde-9515-7081ca990764
LAFS.4.SL.1.1:	b. Follow agreed-upon rules for discussions and carry out assigned roles.	Natural Resources > Fossil Fuels > Explore > Core Interactive Text	https://app.discoveryeducation.com/learn/techbook/units/30b3bb85-ca2e-4fa0-999f-0dd6361c39e4/concepts/14c24cf3-4c61-4438-9910-59910ef51b79/tabs/759da9a7-2edf-4cde-9515-7081ca990764
LAFS.4.SL.1.1:	c. Pose and respond to specific questions to clarify or follow up on information, and make comments that contribute to the discussion and link to the remarks of others.	Ecosystems > Long Term Changes in Ecosystems > Explore > Core Interacitve Text	https://app.discoveryeducation.com/learn/techbook/units/8c0158c0-7283-4ea3-9798-77e0f51c21bb/concepts/06486f67-81f4-4d3c-91bf-02d8dfca6a26/tabs/759da9a7-2edf-4cde-9515-7081ca990764
LAFS.4.SL.1.1:	c. Pose and respond to specific questions to clarify or follow up on information, and make comments that contribute to the discussion and link to the remarks of others.	Natural Resources > Fossil Fuels > Explore > Core Interactive Text	https://app.discoveryeducation.com/learn/techbook/units/30b3bb85-ca2e-4fa0-999f-0dd6361c39e4/concepts/14c24cf3-4c61-4438-9910-59910ef51b79/tabs/759da9a7-2edf-4cde-9515-7081ca990764
LAFS.4.SL.1.1:	c. Pose and respond to specific questions to clarify or follow up on information, and make comments that contribute to the discussion and link to the remarks of others.	Natural Resources > Fossil Fuels > Explore > Core Interactive Text	https://app.discoveryeducation.com/learn/techbook/units/30b3bb85-ca2e-4fa0-999f-0dd6361c39e4/concepts/14c24cf3-4c61-4438-9910-59910ef51b79/tabs/759da9a7-2edf-4cde-9515-7081ca990764
LAFS.4.SL.1.1:	d. Review the key ideas expressed and explain their own ideas and understanding in light of the discussion.	Ecosystems > Long Term Changes in Ecosystems > Explore > Core Interacitve Text	https://app.discoveryeducation.com/learn/techbook/units/8c0158c0-7283-4ea3-9798-77e0f51c21bb/concepts/06486f67-81f4-4d3c-91bf-02d8dfca6a26/tabs/759da9a7-2edf-4cde-9515-7081ca990764
LAFS.4.SL.1.1:	d. Review the key ideas expressed and explain their own ideas and understanding in light of the discussion.	Natural Resources > Fossil Fuels > Explore > Core Interactive Text	https://app.discoveryeducation.com/learn/techbook/units/30b3bb85-ca2e-4fa0-999f-0dd6361c39e4/concepts/14c24cf3-4c61-4438-9910-59910ef51b79/tabs/759da9a7-2edf-4cde-9515-7081ca990764

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LAFS.4.SL.1.1:	d. Review the key ideas expressed and explain their own ideas and understanding in light of the discussion.	Natural Resources > Fossil Fuels > Explore > Core Interactive Text	https://app.discoveryeducation.com/learn/techbook/units/30b3bb85-ca2e-4fa0-999f-0dd6361c39e4/concepts/14c24cf3-4c61-4438-9910-59910ef51b79/tabs/759da9a7-2edf-4cde-9515-7081ca990764
LAFS.4.W.3.8:	Recall relevant information from experiences or gather relevant information from print and digital sources; take notes and categorize information, and provide a list of sources.	Earth Materials > Rocks > Elaborate with STEM > STEM Project Starters page 1 > Project: Using Technology to Make Concrete	https://app.discoveryeducation.com/learn/techbook/units/c0d7d646-c4f5-4f7c-bc4e-dc79c4405c71/concepts/bdfe7e33-bdd3-4aff-8da1-1180bbe36bc7/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/0fbf774b-e8d5-46d5-ab98-773671c91a02
LAFS.4.W.3.8:	Recall relevant information from experiences or gather relevant information from print and digital sources; take notes and categorize information, and provide a list of sources.	Sound > Sound Waves > Elaborate with STEM > STEM in Action: Careers and Sound Waves	https://app.discoveryeducation.com/learn/techbook/units/a2da6a34-18c5-4723-9bb3-19a4c1838a8a/concepts/fbd97f65-d347-416b-b124-e634ad0d9856/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/fde1673c-25dc-4114-912e-76111a4f3249
LAFS.4.W.3.8:	Recall relevant information from experiences or gather relevant information from print and digital sources; take notes and categorize information, and provide a list of sources.	Ecosystems > Human Effects on Ecosystems > Elaborate with STEM > STEM Project Starters page 2 > Project: The Puzzle of the Missing Salmon	https://app.discoveryeducation.com/learn/techbook/units/8c0158c0-7283-4ea3-9798-77e0f51c21bb/concepts/8dd66f98-60db-4491-b8d5-19bbbc66d19d/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/cf524f95-aa21-4ef2-bea7-8b4dae1b52bf
LAFS.4.W.3.9:	Draw evidence from literary or informational texts to support analysis, reflection, and research.	Earth Materials > Mineral Resources > Elaborate with STEM > STEM in Action: Mining and the Environment	https://app.discoveryeducation.com/learn/techbook/units/c0d7d646-c4f5-4f7c-bc4e-dc79c4405c71/concepts/cc2bbb9c-942c-46c5-baeb-de819ab83de1/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f

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LAFS.4.W.3.9:	a. Apply grade 4 Reading standards to literature (e.g., "Describe in depth a character, setting, or event in a story or drama, drawing on specific details in the text [e.g., a character's thoughts, words, or actions].").	Earth Materials > Mineral Resources > Elaborate with STEM > STEM in Action: Mining and the Environment	https://app.discoveryeducation.com/learn/techbook/units/c0d7d646-c4f5-4f7c-bc4e-dc79c4405c71/concepts/cc2bbb9c-942c-46c5-baeb-de819ab83de1/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f
LAFS.4.W.3.9:	b. Apply grade 4 Reading standards to informational texts (e.g., "Explain how an author uses reasons and evidence to support particular points in a text").	Earth Materials > Mineral Resources > Elaborate with STEM > STEM in Action: Mining and the Environment	https://app.discoveryeducation.com/learn/techbook/units/c0d7d646-c4f5-4f7c-bc4e-dc79c4405c71/concepts/cc2bbb9c-942c-46c5-baeb-de819ab83de1/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f
LAFS.4.W.3.9:	Draw evidence from literary or informational texts to support analysis, reflection, and research.	Traits and Inheritance > Learning > Elaborate with STEM > STEM Project Starters page 2 > Project: Salamander Parenting	https://app.discoveryeducation.com/learn/techbook/units/0f062f76-460b-4d3a-91ba-33369ded3d45/concepts/431ac45b-577c-404c-9400-2819c0139cbf/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/90af82e5-7fc2-4223-a86b-d3a8d5afc697
MAFS.4.MD.1.1:	Know relative sizes of measurement units within one system of units including km, m, cm; kg, g; lb, oz.; l, ml; hr, min, sec. Within a single system of measurement, express measurements in a larger unit in terms of a smaller unit. Record measurement equivalents in a two-column table. *For example, know that 1 ft is 12 times as long as 1 in. Express the length of a 4 ft snake as 48 in. Generate a conversion table for feet and inches listing the number pairs (1, 12), (2, 24), (3, 36), ...*	Motion > Speed, Distance, and Time > Explore > Explore More Resources > Hands-On Activity: The Slow Race	https://app.discoveryeducation.com/player/view/assetGuid/d1541560-6745-492d-bab2-208425210607

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MAFS.4.MD.2.4:	Make a line plot to display a data set of measurements in fractions of a unit (1/2, 1/4, 1/8). Solve problems involving addition and subtraction of fractions by using information presented in line plots. *For example, from a line plot find and interpret the difference in length between the longest and shortest specimens in an insect collection.*	Properties of Matter > Mass and Weight > Explore > Explore More Resources > Hands-On Lab: Researching Physical Properties of Matter	https://app.discoveryeducation.com/player/view/assetGuid/5bf46374-ab07-44a1-9017-92af33976814
HE.4.C.1.5:	Identify the human body parts and organs that work together to form healthy body systems.	Body Systems > Muscles and Bones > Explore > Explore More Resources > Exploration: Muscles and Bones	https://app.discoveryeducation.com/player/view/assetGuid/79d7307c-73d9-4da0-9978-287494be97f8
HE.4.C.1.5:	Identify the human body parts and organs that work together to form healthy body systems.	Body Systems > Circulation and Respiration > Explore > Core Interactive Text > Exploration: Circulation and Respiration	https://app.discoveryeducation.com/player/view/assetGuid/83201f79-6627-40c4-8ccc-ad5022cdfb56
HE.4.C.1.5:	Identify the human body parts and organs that work together to form healthy body systems.	Body Systems > Digestion and Excretion > Explore > Explore More Resources > Exploration: Digestion and Excretion	https://app.discoveryeducation.com/player/view/assetGuid/40e8859b-fff0-4d97-8397-0686c297ba6b