	Science Middle School Comprehensive Science 2 Elevida (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	Anthropogenic Changes	https://app.discoveryeducation.com/learn/techbook/units/850f536d-1c04-4ac7-9d23-2969c95230e7/concepts/2222bd85-5dcd-4108-
	persevere in solving them.	Comprehensive Science 2 - Florida (2017) > Life Science > Interdependence of Organisms > Anthropogenic Changes > Elaborate with STEM > STEM Project Starters page 2 > Project: Engineering Change	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.discoverveducation.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.discoverveducation.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.discoverveducation.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

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MAFS.K12.MP.4.1	Model with mathematics.	Anthropogenic Changes	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
		Comprehensive Science 2 - Florida (2017) >	
		Life Science > Interdependence of Organisms	
		> Anthropogenic Changes > Elaborate with	
		STEM > STEM Project Starters page 2 >	
		Project: Engineering Change	
MAFS K12 MP 4 1	Model with mathematics	Rock Cycle	https://app.discoverveducation.com/learn/techbook/units/0c2d5e2f-483f-4483-h9a0-e5eh55032de3/concents/e8c6a9cc-e3dh-47a3-
			8670-b01b4741fe57/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/c378fd03-7e71-43d5-b622-265dc3c902f1
		Comprehensive Science 2 - Florida (2017) >	
		Earth & Space Science > Earth's Interior >	
		Rock Cycle > Elaborate with STEM > STEM	
		Project Starters page 3 > Project: Classifying	
		Minerals	
MAFS.K12.MP.5.1	Use appropriate tools strategically.	Populations	https://app.discoveryeducation.com/player/view/assetGuid/bca6fa6d-c158-4f0a-ab67-fd084b6645a3
		Comprehensive Science 2 - Florida (2017) >	
		Life Science > Interdependence of Organisms	
		> Populations > Explore > Explore More	
		Resources > Hands-On Lab: Surveying and	
		Comparing Populations	
MAFS.K12.MP.5.1	Use appropriate tools strategically.	Color and the Electromagnetic Spectrum	https://app.discoveryeducation.com/player/view/assetGuid/3ec1b338-b322-4c24-b119-dacc15637495
		Comprehensive Science 2 - Florida (2017) -	
		Elorida (2017) \geq Light Energy \geq Color and the	
		Electromagnetic Spectrum > Explore > Core	
		Interactive Text page 2 > Hands-On Lab:	
		Rainbows Required	
MAFS.K12.MP.6.1	Attend to precision.	Development of Plate Tectonic Theory	https://app.discoverveducation.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
		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	
MAFS.K12.MP.6.1	Attend to precision.	Formation of the Earth	https://app.discoveryeducation.com/learn/techbook/units/0c2d5e2f-483f-4483-b9a0-e5eb55032de3/concepts/35c8a7c8-0dcc-43be-
			b4t3-cb69be882t37/tabs/054d49d8-d8t5-4203-b276-19e25b56cc5f/pages/7aaa0tbt-5991-446b-93dd-3b59b6b38t15
		Comprehensive Science 2 - Florida (2017) >	
		Earth & Space Science > Earth's Interior >	
		Formation of the Earth > Elaborate with STEM	
		> STEM Project Starters page 2 > Project:	
MAES K12 MD 7 1	Look for and make use of structure	Carbon-14 Dating	http://ann.diccovorus/ucrtion.com/loann/tachback/witc/0c2dEo2f 402f 4402 h0s0 aEabEE022do2/concents/072aEE4d 2b27 42da
WAF3.K12.WF.7.1	LOOK IOF and make use of structure.	riysical rioperties of Lattin's Layers	https://app.usoverjeduatom.com/rearin/centbooky.unics/scu2use/app.app.app.app.app.app.app.app.app.app
		Comprehensive Science 2 - Florida (2017) >	
		Earth & Space Science > Earth's Interior >	
		Physical Properties of Farth's Lavers>	
		Elaborate with STEM > STEM Project Starters	
		page 2 > Project: Build a Model of Earth's	
		Lavers	

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MAFS.K12.MP.7.1	Look for and make use of structure.	Why Earthquakes Occur	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
		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	
MAFS.K12.MP.7.1	Look for and make use of structure.	Why Earthquakes Occur	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
		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	
		hesistant bridge	
MAFS.K12.MP.8.1	Look for and express regularity in	Rock Cycle	https://app.discoveryeducation.com/learn/techbook/units/0c2d5e2f-483f-4483-b9a0-e5eb55032de3/concepts/e8c6a9cc-e3db-47a3_
	repeated reasoning.		8670-b01b4741fe57/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/c378fd03-7e71-43d5-b622-265dc3c902f1
		Comprehensive Science 2 - Florida (2017) >	
		Earth & Space Science > Earth's Interior >	
		Rock Cycle > Elaborate with STEM > STEM	
		Project Starters page 3 > Project: Classifying	
		Minerals	
MAFS.K12.MP.8.1	Look for and express regularity in	Why Earthquakes Occur	https://app.discoveryeducation.com/learn/techbook/units/644e13a2-8cff-446b-98e7-a1897c8114a6/concepts/ddd485ac-c5e7-4e69-
	repeated reasoning.		a6cd-410f717f5704/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/5fad83bc-a58a-433e-9118-6994a6ba39bb
		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	
SC.7.E.6.1	Describe the layers of the solid	Physical Properties of Earth's Layers	https://app.discoveryeducation.com/learn/techbook/units/0c2d5e2f-483f-4483-b9a0-e5eb55032de3/concepts/073a551d-2b27-43da_
	Earth, including the lithosphere, the		be79-79575c8ef8a3/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/0a749c19-2fa0-4e1d-8a4a-b60dd7366933
	hot convecting mantle, and the	Comprehensive Science 2 - Florida (2017) >	
	dense metallic liquid and solid cores.	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	
SC.7.E.6.1	Describe the layers of the solid	Physical Properties of Earth's Layers	https://app.discoveryeducation.com/player/view/assetGuid/402b2e70-d815-4f00-ab5d-dcf306da35f8
	Earth, including the lithosphere, the		
	hot convecting mantle, and the	Comprehensive Science 2 - Florida (2017) >	
	dense metallic liquid and solid cores.	Earth & Space Science > Earth's Interior >	
		Physical Properties of Earth's Layers> Explore	
		> Explore More Resources > Exploration:	
		Structure of the Earth	
SC.7.E.6.1	Describe the layers of the solid	Physical Properties of Earth's Layers	https://app.discoverveducation.com/plaver/view/assetGuid/7496aaf7-aef2-44a0-b71f-25ed7b54d340
	Earth, including the lithosphere, the		
	hot convecting mantle, and the	Comprehensive Science 2 - Florida (2017) >	
	dense metallic liquid and solid cores.	Earth & Space Science > Earth's Interior >	
		Physical Properties of Earth's Layers> Explore	
		> Explore More Resources > Hands-On	
		Activity: Layered Earth	

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SC.7.E.6.2	Identify the patterns within the rock	Plate Tectonics	https://app.discoverveducation.com/learn/techbook/units/59143d67-a5c9-4cec-8658-2a3743a067b2/concepts/7e432897-4033-4719-
	cycle and relate them to surface		a6d8-06d9124eab33/tabs/759da9a7-2edf-4cde-9515-7081ca990764/pages/c911ec45-3cf0-4c4c-9826-47e5aee2d1c9
	events (weathering and erosion) and	Comprehensive Science 2 - Florida (2017) >	
	sub-surface events (plate tectonics	Earth & Space Science > Plate Tectonic Theory	
	and mountain building)	> Plate Tectonics > Explore > Core Interactive	
	and mountain summig,	Text page 4	
SC.7.E.6.2	Identify the patterns within the rock	Rock Cycle	https://app.discoveryeducation.com/player/view/assetGuid/8b40f65a-4423-4167-8434-e135d33f0af8
	cycle and relate them to surface		
	events (weathering and erosion) and	Comprehensive Science 2 - Florida (2017) >	
	sub-surface events (plate tectonics	Earth & Space Science > Earth's Interior >	
	and mountain building).	Rock Cycle > Explore > Core Interactive Text	
		page 2 > Exploration: Gneiss Work	
SC.7.E.6.2	Identify the patterns within the rock	Rock Cycle	https://app.discoveryeducation.com/player/view/assetGuid/5a07b2d8-d109-4370-b6ba-8e0342baec28
	cycle and relate them to surface		
	events (weathering and erosion) and	Comprehensive Science 2 - Florida (2017) >	
	sub-surface events (plate tectonics	Earth & Space Science > Earth's Interior >	
	and mountain building).	Rock Cycle > Explore > Core Interactive Text	
		page 3 > Hands-On Activity: One Candle,	
		Three Rocks	
SC.7.E.6.3	Identify current methods for	Formation of the Earth	https://app.discoveryeducation.com/learn/techbook/units/0c2d5e2f-483f-4483-b9a0-e5eb55032de3/concepts/35c8a7c8-0dcc-43be-
	measuring the age of Earth and its		b4f3-cb69be882f37/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/7aaa0fbf-5991-446b-93dd-3b59b6b38f15
	parts, including the law of	Comprehensive Science 2 - Florida (2017) >	
	superposition and radioactive dating.	Earth & Space Science > Earth's Interior >	
		Formation of the Earth > Elaborate with STEM	
		> STEM Project Starters page 2 > Project:	
		Carbon-14 Dating	
SC.7.E.6.3	Identify current methods for	Formation of the Earth	https://app.discoveryeducation.com/learn/techbook/units/0c2d5e2f-483f-4483-b9a0-e5eb55032de3/concepts/35c8a7c8-0dcc-43be-
	measuring the age of Earth and its		b4f3-cb69be882f37/tabs/759da9a7-2edf-4cde-9515-7081ca990764
	parts, including the law of	Comprehensive Science 2 - Florida (2017) >	
	superposition and radioactive dating.	Earth & Space Science > Earth's Interior >	
		Formation of the Earth > Explore > Core	
50 7 F 6 A	Fundation and attraction of the second se	Interactive Text page 1	
SC.7.E.0.4	explain and give examples of how	Formation of the Earth	https://app.uiscoverveducation.com/piaver/view/assetGuid/214i5eba-bi/5-45a4-a64i-d5a5ob6ei252
	physical evidence supports scientific	Comprehensive Science 2. Florida (2017) >	
	cheories that Earth has evolved over	Comprehensive Science 2 - Florida (2017) >	
		Earth & Space Science > Earth's Interior >	
	processes.	Formation of the Earth > Explore > Explore	
		A Coologic History Duzzlo	
SC 7 F 6 4	Explain and give examples of how	Exercision of the Farth	https://app.discoveryeduration.com/player/view/assetGuid/9f1716f1-01/14-42f2-b577-8ed783f64766
50.7.2.0.4	nhysical evidence supports scientific		Interstrate production control and the second s
	theories that Farth has evolved over	Comprehensive Science 2 - Florida (2017) >	
	geologic time due to natural	Earth & Space Science > Earth's Interior >	
	nrocesses	Formation of the Earth > Explore > Explore	
	processes.	More Resources > Reading Passage: Earth:	
		Inside & Out	
SC.7.E.6.5	Explore the scientific theory of plate	Development of Plate Tectonic Theory	https://app.discoveryeducation.com/player/view/assetGuid/444248e0-0d73-4fe2-9747-9d5d64ce9453
	tectonics by describing how the		
	movement of Earth's crustal plates	Comprehensive Science 2 - Florida (2017) >	
	causes both slow and rapid changes	Earth & Space Science > Plate Tectonic Theory	
	in Earth's surface, including volcanic	> Development of Plate Tectonic Theory >	
	eruptions, earthquakes, and	Explore > Explore More Resources >	
	mountain building.	Exploration: Prove They Move	
	, č		

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SC.7.E.6.5	Explore the scientific theory of plate	Plate Tectonics	https://app.discoveryeducation.com/learn/techbook/units/59143d67-a5c9-4cec-8658-2a3743a067b2/concepts/7e432897-4033-4719-
	tectonics by describing how the		a6d8-06d9124eab33/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/a1e025ee-3ebe-46c4-9ba3-b29bbefd9742
	movement of Earth's crustal plates	Comprehensive Science 2 - Florida (2017) >	
	causes both slow and rapid changes	Earth & Space Science > Plate Tectonic Theory	
	in Earth's surface, including volcanic	> Plate Tectonics > Elaborate with STEM >	
	eruptions, earthquakes, and	STEM Project Starters page 3 > Project:	
	mountain building.	Tectonic Activity in My State	
SC 7 E 6 6	Identify the impact that humans	Anthronogenic Changes	https://app.discoverveducation.com/player/view/assetGuid/4a3c572d-122c-45aa-80e6-ce6406dchd6a
50.7.2.0.0	have had on Farth such as	Anthiopogenie endiges	
	deforestation urbanization	Comprehensive Science 2 - Florida (2017) >	
	desertification, erosion, air and	Life Science > Interdependence of Organisms	
	water quality, changing the flow of	> Anthropogenic Changes > Explore > Explore	
	water.	More Resources > Hands-On Activity: Effects	
		of Pollution on the Water Supply	
SC.7.E.6.7	Recognize that heat flow and	Why Earthquakes Occur	https://app.discoveryeducation.com/player/view/assetGuid/15a68f2f-bf1c-41e9-9224-f69f757c4b02
	movement of material within Earth	Community Colones 2 Florida (2017)	
	causes earthquakes and voicanic	Comprehensive Science 2 - Florida (2017) >	
	and ocean basins	Volcanoos > Why Earthquakes Occur> Explore	
	and ocean basins.	> Explore More Pacources > Exploration: How	
		It Shakes Out	
SC.7.E.6.7	Recognize that heat flow and	Why Earthquakes Occur	https://app.discoveryeducation.com/player/view/assetGuid/20dfc48a-f4e4-48d2-a13f-c34d665befd5
	movement of material within Earth		
	causes earthquakes and volcanic	Comprehensive Science 2 - Florida (2017) >	
	eruptions, and creates mountains	Earth & Space Science > Earthquakes and	
	and ocean basins.	Volcanoes > Why Earthquakes Occur> Explore	
		> Explore More Resources > Integrated	
		Science Simulation: Tectonic Forces	
SC.7.N.1.1	Define a problem from the seventh	Why Earthquakes Occur	https://app.discoveryeducation.com/learn/techbook/units/644e13a2-8cff-446b-98e7-a1897c8114a6/concepts/ddd485ac-c5e7-4e69-
	grade curriculum, use appropriate		a6cd-410f717f5704/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/dfd606ad-9842-4a5f-b51a-4a54044d7327
	reference materials to support	Comprehensive Science 2 - Florida (2017) >	
	scientific understanding, plan and	Earth & Space Science > Earthquakes and	
	carry out scientific investigation of	Volcanoes > Why Earthquakes Occur>	
	various types, such as systematic	Elaborate with STEM > STEM Project Starters	
	observations or experiments,	page 3 > Project: Engineering an Earthquake-	
	identify variables, collect and	Resistant Bridge	
	organize data, interpret data in		
	charts, tables, and graphics, analyze		
	information, make predictions, and		
	defend conclusions.		
	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.	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	

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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	ldentify 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

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

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	Development of Plate Tectonic Theory	https://app.discoveryeducation.com/player/view/assetGuid/926ef93d-7b7b-4253-8fae-51f1dc76d7fb
	of science in which scientific		
	knowledge has changed when new	Comprehensive Science 2 - Florida (2017) >	
	evidence or new interpretations are	Earth & Space Science > Plate Tectonic Theory	
	encountered.	> Development of Plate Tectonic Theory >	
		Explore > Core Interactive Text page 1 >	
		Reading Passage: Alfred Wegener's New Idea	
SC.7.N.2.1	Identify an instance from the history	Development of Plate Tectonic Theory	https://app.discoveryeducation.com/player/view/assetGuid/d244b140-dc46-4022-b097-08238ec5b385
	of science in which scientific		
	knowledge has changed when new	Comprehensive Science 2 - Florida (2017) >	
	evidence or new interpretations are	Earth & Space Science > Plate Tectonic Theory	
	encountered.	> Development of Plate Tectonic Theory >	
		Explore > Explore More Resources > Reading	
		Passage: Continental Drift	
60 7 N 2 4	Descention and evolution the differences		
SC.7.N.3.1	Recognize and explain the difference	Development of Plate Tectonic Theory	nttps://app.discoveryeducation.com/player/view/assetGuid/926ef93d-707b-4253-8fae-51f1dC/6d/fb
	sourcel examples of scientific	Comprohensive Science 2 Florida (2017)	
	several examples of scientific	Comprehensive Science 2 - Florida (2017) >	
	theories and the evidence that	Earth & Space Science > Plate Tectonic Theory	
	supports them.	Surface > Core Interactive Text page 1 >	
		Explore > Core interactive Text page 1 >	
		Reading Passage: Alfred Wegener's New Idea	
SC.7.N.3.1	Recognize and explain the difference	Development of Plate Tectonic Theory	https://app.discoverveducation.com/player/view/assetGuid/d244b140-dc46-4022-b097-08238ec5b385
	between theories and laws and give		
	several examples of scientific	Comprehensive Science 2 - Florida (2017) >	
	theories and the evidence that	Earth & Space Science > Plate Tectonic Theory	
	supports them.	> Development of Plate Tectonic Theory >	
		Explore > Explore More Resources > Reading	
		Passage: Continental Drift	
		-	
SC.7.N.3.2	Identify the benefits and limitations	Physical Properties of Earth's Layers	https://app.discoverveducation.com/learn/techbook/units/0c2d5e2f-483f-4483-b9a0-e5eb55032de3/concepts/073a551d-2b27-43da-
	of the use of scientific models.		be79-79575c8et8a3/tabs/054d49d8-d8t5-4203-b276-19e25b56cc5t/pages/0a749c19-2ta0-4e1d-8a4a-b60dd7366933
		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	
SC 7 N 2 2	Identify the henefits and limitations	Lavers Bock Cyclo	https://app.diccovprvducation.com/playor/view/accotGuid/Ea07b2d9_d100_4270_b6ba_9o0242bacc29
50.7.14.5.2	of the use of scientific models	NOCK CYCle	IIIIDS.//ADD.UISCOVELVEUULALUII.CUII/DIAYEI/VEW/ASSELGUIU/JAU/DZUG-UID5-4570-DUUA-860542046L20
	of the use of scientific models.	Comprehensive Science 2 - Florida (2017) >	
		Earth & Space Science > Earth's Interior >	
		Rock Cycle > Explore > Core Interactive Text	
		nage 3 > Hands-On Activity: One Candle	
		Three Bocks	
LAFS.68.RST.1.1	Cite specific textual evidence to	Anthropogenic Changes	https://app.discoveryeducation.com/learn/techbook/units/850f536d-1c04-4ac7-9d23-2969c95230e7/concepts/2222bd85-5dcd-4108-
	support analysis of science and	-	8177-9e43bba7f7c3/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/b73810d9-a7a9-4e1a-9a2b-37805a7f84af
	technical texts.	Comprehensive Science 2 - Florida (2017) >	
		Life Science > Interdependence of Organisms	
		> Anthropogenic Changes > Elaborate with	
		STEM > STEM in Action: Career: Science	
		Personality	

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	Anthropogenic Changes	https://app.discoveryeducation.com/learn/techbook/units/850f536d-1c04-4ac7-9d23-2969c95230e7/concepts/2222bd85-5dcd-4108-
	conclusions of a text; provide an		8177-9e43bba7f7c3/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/b73810d9-a7a9-4e1a-9a2b-37805a7f84af
	accurate summary of the text	Comprehensive Science 2 - Florida (2017) >	
	distinct from prior knowledge or	Life Science > Interdependence of Organisms	
	opinions.	> Anthropogenic Changes > Elaborate with	
		STEM > STEM in Action: Career: Science	
	Tollow and to be a second state of	Personality	
LAFS.68.RS1.1.3	Follow precisely a multistep	ROCK CYCIE	nttps://app.oiscoveryeducation.com/player/view/assetGuid/Sau/bz08-0109-4370-0608-8e034z0aecz8
	procedure when carrying out	Comprohensive Science 2 Florida (2017)	
	experiments, taking measurements,	Comprehensive Science 2 - Florida (2017) >	
	or performing technical tasks.	Pack Cycle > Explore > Core Interactive Text	
		nage 3 > Hands-On Activity: One Candle	
		Three Bocks	
LAFS.68.RST.2.4	Determine the meaning of symbols,	Why Earthquakes Occur	https://app.discoveryeducation.com/player/view/assetGuid/2ff2ec1d-a719-42a2-a6eb-8a34d0a1f0c9
	key terms, and other domain-		
	specific words and phrases as they	Comprehensive Science 2 - Florida (2017) >	
	are used in a specific scientific or	Earth & Space Science > Earthquakes and	
	technical context relevant to grades	Volcanoes > Why Earthquakes Occur> Explore	
	68 texts and topics.	> Explore More Resources > Reading Passage:	
		Japanese Earthquake, 2011	
LAFS.68.RS1.2.4	Determine the meaning of symbols,	Physical Properties of Earth's Layers	nttps://app.discoveryeducation.com/player/view/assetGuid/abucbtb1-d4a1-4cbt-bbb5-c48198/1608c
	specific words and phrases as they	Comprohensive Science 2 Elerida (2017) >	
	are used in a specific scientific or	Earth & Space Science > Earth's Interior >	
	technical context relevant to grades	Physical Properties of Earth's Lavers> Explore	
	68 texts and tonics	> Explore More Resources > Reading Passage:	
		Can Humans Travel to the Center of the Farth?	
LAFS.68.RST.2.5	Analyze the structure an author uses	Physical Properties of Earth's Layers	https://app.discoveryeducation.com/player/view/assetGuid/a60cbfb1-d4a1-4cbf-b6b5-c48f9871608c
	to organize a text, including how the		
	major sections contribute to the	Comprehensive Science 2 - Florida (2017) >	
	whole and to an understanding of	Earth & Space Science > Earth's Interior >	
	the topic.	Physical Properties of Earth's Layers> Explore	
		> Explore More Resources > Reading Passage:	
		Can Humans Travel to the Center of the Earth?	
LAFS.68.RST.2.5	Analyze the structure an author uses	Rock Cycle	https://app.discoveryeducation.com/player/view/assetGuid/d1d1a17e-21f4-4d88-b2af-6b49583bb406
	to organize a text, including how the		
	major sections contribute to the	Comprehensive Science 2 - Florida (2017) >	
	whole and to an understanding of	Earth & Space Science > Earth's Interior >	
	the topic.	Rock Cycle > Explore > Explore More	
		Resources > Reading Passage: Meteorites,	
		Impacts, and Metamorphism, OH MY!	
LAFS.68.RST.2.6	Analyze the authors purpose in	Why Earthquakes Occur	https://app.discoverveducation.com/plaver/view/assetGuid/2ff2ec1d-a719-42a2-a6eb-8a34d0a1f0c9
	providing an explanation, describing	,	
	a procedure, or discussing an	Comprehensive Science 2 - Florida (2017) >	
	experiment in a text.	Earth & Space Science > Earthquakes and	
		Volcanoes > Why Earthquakes Occur> Explore	
		> Explore More Resources > Reading Passage:	
		Japanese Earthquake, 2011	

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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.discoverveducation.com/plaver/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: Prodicting a Volcanoe Function	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.	Fromation of the Earth 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

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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. Use technology, including the	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 Why Earthquakes Occur	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
	Internet, to produce and publish writing and present the relationships between information and ideas clearly and efficiently.	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	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

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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

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	Genes	https://app.discoveryeducation.com/learn/techbook/units/a514f95e-f65f-4d61-b6de-1aed12005b74/concepts/f1fdafee-39be-4155-
	critique the reasoning of others.		9fd5-cb0ca9f36201/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f
		Comprehensive Science 2 - Florida (2017) >	
		Life Science > Heredity and Reproduction >	
		Genes > Elaborate with STEM > STEM in	
		Action: Careers in Gene Hunting	
MAFS.K12.MP.4.1	Model with mathematics.	Change over Time and the Fossil Record	https://app.discoverveducation.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
		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	
MAFS.K12.MP.5.1	Use appropriate tools strategically.	Populations	https://app.discoveryeducation.com/player/view/assetGuid/bca6fa6d-c158-4f0a-ab67-fd084b6645a3
		Comprehensive Science 2 - Florida (2017) >	
		Life Science > Interdependence of Organisms	
		> Populations > Explore > Explore More	
		Resources > Hands-On Lab: Surveying and	
MAFS.K12.MP.6.1	Attend to precision.	Factors That Influence Human Growth and	https://app.discoverveducation.com/learn/techbook/units/a514f95e-f65f-4d61-b6de-1aed12005b74/concepts/219c9bb7-7775-4005-
		Development	bdd5-e700be2723d5/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/d0c1368b-be63-4110-b264-d0d55da6fa79
		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	
MAFS.K12.MP.6.1	Attend to precision.	Asexual	https://app.discoveryeducation.com/player/view/assetGuid/b67b21cd-e89f-47fb-9bd2-40047a9c526e
		Comprehensive Science 2. Slovide (2017)	
		Life Science > Heredity and Reproduction >	
		Acovuals Explore S Explore More Recourses	
		Hands-On Activity: Watching Veast Grow	
		nands on network. Watering reast crow	
MAFS.K12.MP.7.1	Look for and make use of structure.	Change over Time and the Fossil Record	https://app.discoveryeducation.com/player/view/assetGuid/ecab0f3b-6776-4f62-964d-0cb1ec93e70b
		Comprehensive Science 2 - Florida (2017) >	
		Life Science > Evolutionary Theory > Change	
		Evoloro Moro Posourcos: Hands On Activity:	
		Constructing a Cladogram	
MAFS.K12.MP.7.1	Look for and make use of structure.	Asexual	https://app.discoveryeducation.com/player/view/assetGuid/b67b21cd-e89f-47fb-9bd2-40047a9c526e
		Comprohensive Science 2 Elerida (2017) >	
		Life Science > Heredity and Reproduction >	
		Asexuals Explore > Explore More Resources >	
		Hands-On Activity: Watching Yeast Grow	

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	Genes	https://app.discoveryeducation.com/player/view/assetGuid/2477283d-30c1-41e5-8bc3-348e32b33423
	repeated reasoning.		
		Comprehensive Science 2 - Florida (2017) >	
		Life Science > Heredity and Reproduction >	
		Genes > Explore > Explore More Resources >	
		Hands-On Activity: Crack the Code	
MAFS.K12.MP.8.1	Look for and express regularity in	Populations	https://app.discoveryeducation.com/learn/techbook/units/850f536d-1c04-4ac7-9d23-2969c95230e7/concepts/968fc1d0-9b4a-4526-
	repeated reasoning.		800c-8227164e90d0/tabs/759da9a7-2edf-4cde-9515-7081ca990764/pages/598b32f6-5ad3-43c5-966d-9aee4aa7a311
		Comprehensive Science 2 - Florida (2017) >	
		Life Science > Interdependence of Organisms	
		> Populations > Explore > Core Interactive	
		Text page 2 > Jackrabbit Population	
SC 7 15 1	Recognize that fossil evidence is	Change over Time and the Fossil Record	https://ang.discoverveducation.com/learg/techhook/units/21h174a7-6hh0-439a-h41c-a8987h1a08ae/concents/5c8a0e1d-9297-4092-
00171212012	consistent with the scientific theory		90c6-410bda620a12/tabs/759da9a7-2edf-acde-9515-7081ca990764/nages/8c5eca08-24b1-4ca2-8de2-25f09cd13520
	of evolution that living things	Comprehensive Science 2 - Florida (2017) -	
	evolved from earlier species.	Florida (2017) > Environment and Change >	
		Evolutionary Theory > Change over Time and	
		the Fossil Record > Explore > Core Interactive	
		Text page 3	
SC.7.L.15.1	Recognize that fossil evidence is	Change over Time and the Fossil Record	https://app.discoveryeducation.com/player/view/assetGuid/5734f4db-2741-4f91-8a47-7cebe94f5b2a
	consistent with the scientific theory		
	of evolution that living things	Comprehensive Science 2 - Florida (2017) >	
	evolved from earlier species.	Life Science > Evolutionary Theory > Change	
		over Time and the Fossil Record > Explore >	
		Explore More Resources: Reading Passage:	
		Change Over Time: The Fossil Record	
SC.7.L.15.1	Recognize that fossil evidence is	Change over Time and the Fossil Record	https://app.discoveryeducation.com/learn/techbook/units/21b174a7-6bb0-439a-b41c-a8987b1a08ae/concepts/5c8a0e1d-9297-4092-
	consistent with the scientific theory		90c6-410bda620a12/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f
	of evolution that living things	Comprehensive Science 2 - Florida (2017) >	
	evolved from earlier species.	Life Science > Evolutionary Theory > Change	
		over Time and the Fossil Record > Elaborate	
		with STEM > STEM in Action: Living in the	
CC 7 L 15 3	Fundance the estimatific theory of	Past: Careers in Earth History	
SC.7.L.15.3	Explore the scientific theory of	Darwin and Natural Selection	https://app.oiscoveryeoucation.com/learn/tecnbook/units/2101/43/-bb00-439a-b41c-a898/b1a08ae/concepts/bbbi4f/b-e8cf-44cb-
	evolution by relating now the	Comprohensive Science 2 Florida (2017)	2634-19309367669C/19021.2309391-7560-4C06-3212-1081C93301.04
	a changing environment may	Life Science > Evolutionany Theory > Darwin	
	a changing environment may	and Natural Selections Explore > Core	
		Interactive Text page 1	
SC.7.L.15.3	Explore the scientific theory of	Darwin and Natural Selection	https://app.discoverveducation.com/plaver/view/assetGuid/9d13a95b-682e-4996-9061-e672a546dcaf
	evolution by relating how the		
	inability of a species to adapt within	Comprehensive Science 2 - Florida (2017) >	
	a changing environment may	Life Science > Evolutionary Theory > Darwin	
	contribute to the extinction of that	and Natural Selection> Explore > Explore	
	species.	More Resources > Hands-On Activity: Silly	
		Selection	

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 Adaptations	https://app.discoveryeducation.com/player/view/assetGuid/c47e3a06-30e8-43fe-9541-7b2536bde0eb
30.7.0.13.2	evolution by recognizing and explaining ways in which genetic variation and environmental factors contribute to evolution by natural selection and diversity of organisms.	Comprehensive Science 2 - Florida (2017) > Evolutionary Theory > Adaptations > Explore > Core Interactive Text page 2	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

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 Twes?	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.discoverveducation.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.discoverveducation.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

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

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	Darwin and Natural Selection	https://app.discoveryeducation.com/learn/techbook/units/21b174a7-6bb0-439a-b41c-a8987b1a08ae/concepts/bb6f4f76-e8cf-44cb_
	pursuit of a scientific explanation as		9e94-7a9da3e2ecac/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f
	seen in different fields of science	Comprehensive Science 2 - Florida (2017) >	
	such as biology, geology, and physics.	Life Science > Evolutionary Theory > Darwin	
		and Natural Selection> Elaborate with STEM >	
		STEM in Action: What Is Natural History?	
SC.7.N.1.5	Describe the methods used in the	Mendel and Heredity	https://app.discoverveducation.com/learn/techbook/units/a514f95e-f65f-4d61-b6de-1aed12005b74/concepts/5e430ddc-9c3f-4231-
	pursuit of a scientific explanation as		<u>9368-7c7b47a10b4b/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/88e9f9ed-480b-4d05-bb47-f6d4e786400b</u>
	seen in different fields of science	Comprehensive Science 2 - Florida (2017) -	
	such as biology, geology, and physics.	Florida (2017) > Human Systems > Heredity	
		and Reproduction >Mendel and Heredity >	
		Elaborate with STEM > STEM in Action:	
50 7 N 4 5	Describes the second second in the	Careers in Genetics	
SC.7.N.1.5	Describe the methods used in the	Relationships Among Organisms	https://app.oiscoveryeoucation.com/learn/tecnbook/units/as/ursada_tou-44ac7-9d23-2969C95230e7/concepts/57ee83ba-63ff-4eec-
	pursuit of a scientific explanation as	Comparing Colored 2, Elevide (2017)	<u>D360-D62C61C80630/T6D5/U5404908-08T5-42U3-D276-19625D56CC5T</u>
	seen in different fields of science	Comprehensive Science 2 - Florida (2017) >	
	such as biology, geology, and physics.	Life Science > Interdependence of Organisms	
		> Relationships among Organisms > Elaborate	
		with STEM > STEM in Action: Polar Bears on	
SC 7 N 1 6	Explain that empirical evidence is the	Darwin and Natural Selection	https://ann.discoverveducation.com/nlaver/view/assetGuid/c3f7062f-6c33-4400-hba4-4b59cb6efc17
50.7.11.1.0	cumulative body of observations of a		integration for the second player in the second s
	natural phenomenon on which	Comprehensive Science 2 - Florida (2017) >	
	scientific explanations are based	Life Science > Evolutionary Theory > Darwin	
		and Natural Selections Explore > Core	
		Interactive Text nage 1 > Reading Passage:	
		Variety Is the Spice of Life	
SC.7.N.1.6	Explain that scientific knowledge is	Factors That Influence Human Growth and	https://app.discoveryeducation.com/player/view/assetGuid/77fd5cfb-64a1-4ece-a049-c63e5b91adcc
	the result of a great deal of debate	Development	
	and confirmation within the science		
	community.	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	
SC.7.N.1.7	Explain that scientific knowledge is	Trophic Relationships	https://app.discoveryeducation.com/player/view/assetGuid/8B4A299F-9D93-40A1-9A00-482E6E03172F
	the result of a great deal of debate		
	and confirmation within the science	Comprehensive Science 2 - Florida (2017) >	
	community.	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	
SC.7.N.2.1	Identify an instance from the history	Darwin and Natural Selection	https://app.discoveryeducation.com/player/view/assetGuid/c3f7062f-6c33-4400-bba4-4b59cb6efc17
	of science in which scientific		
	knowledge has changed when new	Comprehensive Science 2 - Florida (2017) >	
	evidence or new interpretations are	Life Science > Evolutionary Theory > Darwin	
	encountered.	and Natural Selection> Explore > Explore	
		More Resources > Reading Passage: Variety Is	
		the Spice of Life	

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	Mendel and Heredity	https://app.discoveryeducation.com/player/view/assetGuid/44af8964-6c1b-47a8-b994-2dc608b4c49e
	of science in which scientific		
	knowledge has changed when new	Comprehensive Science 2 - Florida (2017) >	
	evidence or new interpretations are	Life Science > Heredity and Reproduction >	
	encountered.	Mendel and Heredity> Explore > Explore	
		More Resources > Reading Passage: True	
		Gene-ius	
SC.7.N.3.1	Recognize and explain the difference	Darwin and Natural Selection	https://app.discoveryeducation.com/player/view/assetGuid/c3f7062f-6c33-4400-bba4-4b59cb6efc17
	between theories and laws and give		
	several examples of scientific	Comprehensive Science 2 - Florida (2017) >	
	theories and the evidence that	Life Science > Evolutionary Theory > Darwin	
	supports them.	and Natural Selection> Explore > Core	
		Interactive Text page 1 > Reading Passage:	
		Variety Is the Spice of Life	
SC.7.N.3.2	Identify the benefits and limitations	Darwin and Natural Selection	https://app.discoveryeducation.com/learn/techbook/units/21b174a7-6bb0-439a-b41c-a8987b1a08ae/concepts/bb6f4f76-e8cf-44cb-
	of the use of scientific models.		<u>9e94-7a9da3e2ecac/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/86e93530-aec7-4289-a773-7d0c9175b1b4</u>
		Comprehensive Science 2 - Florida (2017) >	
		Life Science > Evolutionary Theory > Darwin	
		and Natural Selection> Elaborate with STEM >	
		STEM Project Starters page 1 > Project:	
		Scientific Illustration	
SC.7.N.3.2	Identify the benefits and limitations	Genes	https://app.discoveryeducation.com/player/view/assetGuid/edb0d7b1-05bd-44e6-91c8-93a12435f0ca
	of the use of scientific models.		
		Comprehensive Science 2 - Florida (2017) >	
		Life Science > Heredity and Reproduction >	
		Genes > Explore > Explore More Resources >	
		Hands-On Activity: Translating a Code	
56 7 N 2 2	Identify the herefits and limitetions	Mandal and Haradity.	https://www.dianau.and/wating.com/alaura/view/anat/cvid/a6010644.dtC7.4af4.00ad.aCe3170aad.a
SC.7.N.3.2	of the use of scientific models	Mendel and Heredity	nttps://app.discoveryeducation.com/player/view/assetGuid/ei8186c4-0467-4414-89a0-e6c3179ac04c
	of the use of scientific models.	Comprehensive Science 2 - Florida (2017) >	
		Life Science > Heredity and Reproduction >	
		Mendel and Heredity > Explore > Explore	
		More Resources > Hands-On Activity:	
		Punnett: Live	
	LAFS.6.SL.1.1b: Follow rules for	Darwin and Natural Selection	https://app.discoveryeducation.com/learn/techbook/units/21b174a7-6bb0-439a-b41c-a8987b1a08ae/concepts/bb6f4f76-e8cf-44cb-
	collegial discussions, set specific		9994-7a9da3e2ecac/tabs/759da9a7-2edf-4cde-9515-7081ca990764/pages/163c419b-7962-4751-bc1b-3b3140d0acdd
	goals and deadlines, and define	Comprehensive Science 2 - Florida (2017) >	
	individual roles as needed.	Life Science > Evolutionary Theory > Darwin	
		and Natural Selection > Explore > CIT page 3	
	LAFS.6.SL.1.1c: Pose and respond to	Darwin and Natural Selection	https://app.discoverveducation.com/learn/techbook/units/21b174a7-6bb0-439a-b41c-a8987b1a08ae/concepts/bb6f4f76-e8cf-44cb-
	specific questions with elaboration		<u>9e94-7a9da3e2ecac/tabs/759da9a7-2edf-4cde-9515-7081ca990764/pages/163c419b-7962-4751-bc1b-3b3140d0acdd</u>
	and detail by making comments that	Comprehensive Science 2 - Florida (2017) >	
	contribute to the topic, text, or issue	Life Science > Evolutionary Theory > Darwin	
	under discussion.	and Natural Selection > Explore > CIT page 3	
	LAFS.6.SL.1.1d: Review the key ideas	Darwin and Natural Selection	https://app.discoveryeducation.com/learn/techbook/units/21b174a7-6bb0-439a-b41c-a8987b1a08ae/concepts/bb6f4f76-e8cf-44cb-
	expressed and demonstrate		<u>9e94-7a9da3e2ecac/tabs/759da9a7-2edf-4cde-9515-7081ca990764/pages/163c419b-7962-4751-bc1b-3b3140d0acdd</u>
	understanding of multiple	Comprehensive Science 2 - Florida (2017) >	
	perspectives through reflection and	Life Science > Evolutionary Theory > Darwin	
	paraphrasing.	and Natural Selection > Explore > CIT page 3	

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	Populations	https://app.discoveryeducation.com/player/view/assetGuid/c5d1b258-2cac-4b11-883d-915a0f89efd1
	support analysis of science and		
	technical texts.	Comprehensive Science 2 - Florida (2017) >	
		Life Science > Interdependence of Organisms	
		> Populations > Explore > Explore More	
		Resources > Reading Passage: Classifying Life	
		at Hydrothermal Vent	
LAFS.68.RST.1.1	Cite specific textual evidence to	Darwin and Natural Selection	https://app.discoveryeducation.com/player/view/assetGuid/c3f7062f-6c33-4400-bba4-4b59cb6efc17
	support analysis of science and		
	technical texts.	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	
LAFS.68.RST.1.2	Determine the central ideas or	Populations	https://app.discoverveducation.com/player/view/assetGuid/c5d1b258-2cac-4b11-883d-915a0f89efd1
	conclusions of a text; provide an		
	accurate summary of the text	Comprehensive Science 2 - Florida (2017) >	
	distinct from prior knowledge or	Life Science > Interdependence of Organisms	
	opinions.	> Populations > Explore > Explore More	
		Resources > Reading Passage: Classifying Life	
		at Hydrothermal Vent	
	Determine the central ideas or	Acount	https://app.diceouspuduation.com/loaro/tachhaok/units/aE14605a/65FE4d61.h6da/1005F74/concents/dEE14735_766_4697
LAP3.00.R31.1.2	conclusions of a text: provide an	Asexual	IIII05///db/uiscoveryeducation.com//rearr/eduboux/uiscoversectors/edubouscoversectors/edubouscoversectors/eduboux//doilegb/social/3/36/103/4/36/103/103/4/36/103/103/20/20/20/20/20/20/20/20/20/20/20/20/20/
	accurate summary of the text	Comprehensive Science 2 - Elorida (2017) >	201/a0000206001/(002/03404302/001242/02/02/252202002)//b8ks//c864402-0004-4010-3800-685006010020
	distinct from prior knowledge or	Life Science > Heredity and Reproduction >	
	oninions	Asexual> Elaborate with STEM > STEM Project	
	opinions.	Starters nage 2 > Project: Engineering a Better	
		Banana	
LAFS.68.RST.1.2	Determine the central ideas or	Darwin and Natural Selection	https://app.discoveryeducation.com/player/view/assetGuid/c3f7062f-6c33-4400-bba4-4b59cb6efc17_
	conclusions of a text; provide an		
	accurate summary of the text	Comprehensive Science 2 - Florida (2017) >	
	distinct from prior knowledge or	Life Science > Evolutionary Theory > Darwin	
	opinions.	and Natural Selection> Explore > Core	
		Interactive Text page 1 > Reading Passage:	
		Variety Is the Spice of Life	
LAFS.68.RST.2.4	Determine the meaning of symbols,	Relationships Among Organisms	https://app.discoveryeducation.com/player/view/assetGuid/c75123c9-9d9e-4250-b3d3-611fac9770c7
	key terms, and other domain-		
	specific words and phrases as they	Comprehensive Science 2 - Florida (2017) >	
	are used in a specific scientific or	Life Science > Interdependence of Organisms	
	technical context relevant to grades	> Relationships among Organisms > Explore >	
	6–8 texts and topics.	Explore More Resources > Reading Passage:	
		Can't we All Just Get AlongRelationships in	
		the Ecosystem	
LAFS.68.RST.2.4	Determine the meaning of symbols,	Asexual	https://app.discoveryeducation.com/player/view/assetGuid/8919b398-6874-4f73-aa8a-1e6f3c293c47
	key terms, and other domain-		
	specific words and phrases as they	Comprehensive Science 2 - Florida (2017) >	
	are used in a specific scientific or	Life Science > Heredity and Reproduction >	
	technical context relevant to grades	Asexual> Explore > Explore More Resources >	
	6–8 texts and topics.	Reading Passage: No Boys Allowed:	
		Parthenogenesis in Nature	
	1		

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

LAFS.68.WHST.1.1 a. Introduce clain(s) about a topic or opposing claims, and organize the claim(s) from alternate or opposing claims, and organize the claim(s) from alternate or opposing claims, and organize the claim(s) from alternate or opposing claims, and organize the claim(s) with logical (2017) > Environments and Change > Interst/app. discoverveducation.com/learn/techbook/units/850f536d-1c04-4ac7-9d23-2969:e5230e7/concepts/c029feee-6231-4at 3249-36510d537682/tabs/0df56444-5400-41eb-a6ce-de52b7efb950 LAFS.68.WHST.1.1 b. Support claim(s) with logical topic or text, using credible sources. Comprehensive Science 2 - Florida (2017) - F	BENCHMARK CODE	BENCHMARK	LESSONS WHERE STANDARD/BENCHMARK IS	DIRECTLY ADDRESSED IN MAJOR TOOL (MOST IN-DEPTH COVERAGE LISTED FIRST)
issue, acknowledge and distinguish the damit() from alternate or opposing dams, and organize the reasons and evidence logically. Comprehensive Science 2 - Florida (2017) - interdependence of Organisms > Overpopulation > Explain E249-a5610d537652/tabs/0df56444-5400-41eb-a6ce-de52b7efb950 LAF5.68.WHST.1.1 b. Support claim(s) with logical reasoning and relevant, accurate data and evidence that demonstrate an understanding of the topic text, using credible sources. Overpopulation > Explain https://app. discoveryeducation.com/learn/techbook/units/850f536d-1c04-4ac7-9d23-2969;05230e7/concepts/c029feee-6231-4s g249-a5610d637682/tabs/0df56444-5400-41eb-a6ce-de52b7efb950 LAF5.68.WHST.1.1 c. Use words, phrases, and clauses to create cohesion and clarify the relationships among dam(s), counterclaims, reasonis, and evidence. Overpopulation torganisms > https://app. discoveryeducation.com/learn/techbook/units/850f536d-1c04-4ac7-9d23-2969;05230e7/concepts/c029feee-6231-4s g249-a5610d637682/tabs/0df5644-5400-41eb-a6ce-de52b7efb950 LAF5.68.WHST.1.1 d. Establish and maintain a formal style. https://app. discoveryeducation.com/learn/techbook/units/850f536d-1c04-4ac7-9d23-2969;05230e7/concepts/c029feee-6231-4s g249-a5610d637682/tabs/0df5644-5400-41eb-a6ce-de52b7efb950 LAF5.68.WHST.1.1 e. Provide a concluding stamemer evidence. Netropolation torcependence of Organisms > overpopulation https://app. discoveryeducation.com/learn/techbook/units/850f536d-1c04-4ac7-9d23-2969;05230e7/concepts/c029feee-6231-4s g249-a5610d637682/tabs/0df5644-5400-41eb-a6ce-de52b7efb950 LAF5.68.WHST.1.1 e. Provide a concluding stamemer scien that follows	LAFS.68.WHST.1.1	a. Introduce claim(s) about a topic or	Overpopulation	https://app.discoveryeducation.com/learn/techbook/units/850f536d-1c04-4ac7-9d23-2969c95230e7/concepts/c029feee-6231-4a8f-
the claim(s) from atternate or opposing claim(s), and organism, and organism, and organism, and organism, and organism so theredgendence of Organisms > Overpopulation > Explain thtps://app.discoveryeducation.com/learn/techbook/units/850f536d-1c04-4ac7-9d23-2969c95230e7/concepts/c029feee-6231-4g 8249-a5610d637682/tabs/0df56444-5400-41eb-a6ce-de52b7efb950 LAF5.68.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. Comprehensive Science 2 - Florida (2017) - Florida (2017) > Environments and Change > Interdependence of Organisms > Overpopulation https://app.discoveryeducation.com/learn/techbook/units/850f536d-1c04-4ac7-9d23-2969c95230e7/concepts/c029feee-6231-4g 8249-a5610d637682/tabs/0df56444-5400-41eb-a6ce-de52b7efb950 LAF5.68.WHST.1.1 c. Use words, phrases, and clause to create cohesion and clarify the relationships among claim(s), counterclaims, reasons, and evidence. Comprehensive Science 2 - Florida (2017) - Florida (2017) > Environments and Change > Interdependence of Organisms > Overpopulation https://app.discoveryeducation.com/learn/techbook/units/850f536d-1c04-4ac7-9d23-2969c95230e7/concepts/c029feee-6231-4g 8249-a5610d637682/tabs/0df56444-5400-41eb-a6ce-de52b7efb950 LAF5.68.WHST.1.1 d. Establish and maintain a formal style. Overpopulation Overpopulation > Explain Comprehensive Science 2 - Florida (2017) - Florida (2017) > Environments and Change > Interdependence of Organisms > Overpopulation > Explain Comprehensive Science 2 - Florida (2017) - Florida (2017) > Environments and Change > Interdependence of Organisms > Overpopulation > Explain https://app.discoveryeducation.com/learn/techbook		issue, acknowledge and distinguish		8249-a5610d637682/tabs/0df56444-5400-41eb-a6ce-de52b7efb950
opposing claims, and organize the reasons and evidence logically. Florida (2017) > Environments and Change > Interdependence of Organisms > Overpopulation > Explain https://app.discoveryeducation.com/learn/techbook/units/850f536d-1c04-4ac7-9d23-2969c95230e7/concepts/c029feee-6231-4a 8249-a5610d637682/tabs/0df56444-5400-41eb-a6ce-de52b7efb950 LAF5.68.WHST.1.1 c. Use words, phrases, and clause to create cohesion and clarify the relationships among claim(s), counterclaims, reasons, and evidence. c. Use words, phrases, and clarify the relationships among claim(s), counterclaims, reasons, and evidence. https://app.discoveryeducation.com/learn/techbook/units/850f536d-1c04-4ac7-9d23-2969c95230e7/concepts/c029feee-6231-4a 8249-a5610d637682/tabs/0df56444-5400-41eb-a6ce-de52b7efb950 LAF5.68.WHST.1.1 c. Use words, phrases, and clause to create cohesion and clarify the relationships among claim(s), counterclaims, reasons, and evidence. https://app.discoveryeducation.com/learn/techbook/units/850f536d-1c04-4ac7-9d23-2969c95230e7/concepts/c029feee-6231-4a 8249-a5610d637682/tabs/0df56444-5400-41eb-a6ce-de52b7efb950 LAF5.68.WHST.1.1 d. Establish and maintain a formal style. Overpopulation Verpopulation > Explain LAF5.68.WHST.1.1 e. Provide a concluding statement or section that follows from and supports the argument presented. Overpopulation Verpopulation > Explain LAF5.68.WHST.1.1 e. Provide a concluding statement or section that follows from and supports the argument presented. comprehensive Science 2 - Florida (2017) - Florida (2017) > Environments and Change > LAF5.68.WHST		the claim(s) from alternate or	Comprehensive Science 2 - Florida (2017) -	
Interdependence of Organisms > Overpopulation > Explain Interdependence of Organisms > Overpopulation > Explain LAF5.68.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 > Explain Inters://app.discoveryeducation.com/learn/techbook/units/850f536d-1c04-4ac7-9d23-2969c95230e7/concepts/c029feee-6231-4a 2629-35610d637682/tabs/0df56444-5400-41eb-a6ce-de52b7efb950 LAF5.68.WHST.1.1 c. Use words, phrases, and clauses to reate cohesion and claim(s), counterclaims, reasons, and evidence. Overpopulation https://app.discoveryeducation.com/learn/techbook/units/850f536d-1c04-4ac7.9d23-2969c95230e7/concepts/c029feee-6231-4a 8249-a5610d637682/tabs/0df56444-5400-41eb-a6ce-de52b7efb950 LAF5.68.WHST.1.1 c. Use words, phrases, and clauses to relationships among claim(s), counterclaims, reasons, and evidence. Comprehensive Science 2 - Florida (2017) - Florida (2017) > Environments and Change > Interdependence of Organisms > Overpopulation = Stolain Inters://app.discoveryeducation.com/learn/techbook/units/850f536d-1c04-4ac7.9d23-2969c95230e7/concepts/c029feee-6231-4a 8249-a5610d637682/tabs/0df56444-5400-41eb-a6ce-de52b7efb950 LAF5.68.WHST.1.1 d. Establish and maintain a formal style. Overpopulation Overpopulation Inters://app.discoveryeducation.com/learn/techbook/units/850f536d-1c04-4ac7.9d23-2969c95230e7/concepts/c029feee-6231-4a 8249-a5610d637682/tabs/0df56444-5400-41eb-a6ce-de52b7efb950 LAF5.68.WHST.1.1 e. Provide a concluding statement or section that follows fr		opposing claims, and organize the	Florida (2017) > Environments and Change >	
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evidence. Interdependence of Organisms > Overpopulation > Explain LAFS.68.WHST.1.1 d. Establish and maintain a formal style. Overpopulation > Explain 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-6231-4a 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-6231-4a 8249-a5610d637682/tabs/0df56444-5400-41eb-a6ce-de52b7efb950		counterclaims, reasons, and	Florida (2017) > Environments and Change >	
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Over DoDuilations bttps://app.discoverveduration.com/learn/techbook/units/850f536d-tr04-dar7-9d73-2969r95230e7/concents/968fc1d0-9hda-d4	LAFS 68 WHST 1 1	Write arguments focused on		https://ann.discoverveduration.com/learn/techhook/units/850f536d-1c04-4ac7-9d23-2969c95230e7/concents/968fc1d0-9h4a-4526-
$\frac{1}{1000} \frac{1}{1000} \frac{1}{1000$	E. 3.00.00131.11	discipline-specific content		R00-8277164e9040/tabs/054d9d8-d8f5-403-b76-19e25b56cc5f/nages/594d3d93-8ad9-41ea-9c31-2a8fce495a17
Comprehensive Science 2 - Florida (2017) >			Comprehensive Science 2 - Florida (2017) >	
Life Science > Interdependence of Organisms			Life Science > Interdependence of Organisms	
> Populations > Elaborate with STEM > STEM			> Populations > Elaborate with STEM > STEM	
Project Starters page 3 > Project: Don't Bug			Project Starters page 3 > Project: Don't Bug	
Me, Please			Me, Please	
LAFS.68.WHST.1.1 Write arguments focused on Sexual https://app.discoveryeducation.com/learn/techbook/units/a514f95e-f65f-4d61-b6de-1aed12005b74/concepts/febe1fa5-3c74-4a2	LAFS.68.WHST.1.1	Write arguments focused on	Sexual	https://app.discoveryeducation.com/learn/techbook/units/a514f95e-f65f-4d61-b6de-1aed12005b74/concepts/febe1fa5-3c74-4a79-
discipline-specific content. <u>a08a-8c0670e5e6e9/tabs/759da9a7-2edf-4cde-9515-7081ca990764/pages/98d7722b-e3c4-4788-be6e-28772bde81e3</u>		discipline-specific content.		<u>a08a-8c0670e5e6e9/tabs/759da9a7-2edf-4cde-9515-7081ca990764/pages/98d7722b-e3c4-4788-be6e-28772bde81e3</u>
Comprehensive Science 2 - Florida (2017) >			Comprehensive Science 2 - Florida (2017) >	
Life Science > Heredity and Reproduction >			Life Science > Heredity and Reproduction >	
Sexual> Explore > Core Interactive Text page 3			Sexual> Explore > Core Interactive Text page 3	
> Which is Best?			> Which Is Best?	
ILAF3.06.WIT31.1.2 Write informative/explanatory texts, Asexual Inttps://app.discoveryeducation.com/learn/techbook/units/a514495e-fob-4def-12005b74/concepts/d5574736-716a-46	LAF5.68.WH51.1.2	vertice informative/explanatory texts,	Asexual	https://app.ubcoveryeoucation.com/learn/tecnbook/units/ab14h5e-to5f-4db1-bde1-laed12005b74/concepts/d5574736-7t6a-4687- 09c3-09c40b30bc60/fb40b4.05f440d4.d9f4-0302-b374-00-5b466e-f40b1-bde1-laed12005b74/concepts/d5574736-7t6a-4687- 100250000000000000000000000000000000000
Including the narration of instorical such as significant and the control of the		including the narration of historical	Crede C. 9. Life Science - Floride (2017) >	28C7-88900830e001/1905/05404908-0815-4203-0276-19625056C51/Dages/76149750-C74C-4207-0512-40CC40583709
events, scientinic processes Grade B-S Lie Science - Fiorial (2017) >		events, scientific procedures/	Human Systems > Heredity and Poproduction	
		experiments, or technical processes.	Constic Traits and Poproduction > Accounts	
Elaborate with STEM Software StemProject Starters			Elaborate with STEM > STEM Project Startors	
nage 1 > Project: How Many Conjectors			nage 1 > Project: How Many Conjes Are	
There?			There?	

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.discoverveducation.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

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,	Darwin and Natural Selection	https://app.discoveryeducation.com/learn/techbook/units/21b174a7-6bb0-439a-b41c-a8987b1a08ae/concepts/bb6f4f76-e8cf-44cb-
	previewing what is to follow;		9e94-7a9da3e2ecac/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/7c74415f-77b5-48fd-8c42-d4b5a5a47d5f
	organize ideas, concepts, and	Comprehensive Science 2 - Florida (2017) >	
	information into broader categories	Life Science > Evolutionary Theory > Darwin	
	as appropriate to achieving purpose;	and Natural Selection> Elaborate with STEM >	
	include formatting (e.g., headings),	STEM Project Starter 2 > What Did Darwin Do?	
	graphics (e.g., charts, tables), and		
	multimedia when useful to aiding		
	comprenension.		
LAFS.68.WHST.1.2	b. Develop the topic with relevant,	Darwin and Natural Selection	https://app.discoverveducation.com/learn/techbook/units/21b174a7-6bb0-439a-b41c-a8987b1a08ae/concepts/bb6f4f76-e8cf-44cb_
	well-chosen facts, definitions,		9e94-7a9da3e2ecac/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/7c74415f-77b5-48fd-8c42-d4b5a5a47d5f
	concrete details, quotations, or	Comprehensive Science 2 - Florida (2017) >	
	other information and examples.	Life Science > Evolutionary Theory > Darwin	
		and Natural Selection> Elaborate with STEM >	
		STEM Project Starter 2 > What Did Darwin Do?	
LAFS.68.WHST.1.2	c. Use appropriate and varied	Darwin and Natural Selection	https://app.discoverveducation.com/learn/techbook/units/21b174a7-6bb0-439a-b41c-a8987b1a08ae/concents/bb6f4f76-e8rf-44cb-
	transitions to create cohesion and		9e94-79d1a22era(fabs/052d40918-d85-4203-b276-19e25b56rc5f/nages/7c7d415f-77b5-48fd-8c42-d4b5a5a47d5f
	clarify the relationships among ideas	Comprehensive Science 2 - Florida (2017) >	
	and concepts.	Life Science > Evolutionary Theory > Darwin	
		and Natural Selection> Elaborate with STEM >	
		STEM Project Starter 2 > What Did Darwin Do?	
LAFS.68.WHST.1.2	d. Use precise language and domain-	Darwin and Natural Selection	https://app.discoverveducation.com/learn/techbook/units/21b174a7-6bb0-439a-b41c-a8987b1a08ae/concepts/bb6f4f76-e8cf-44cb-
	specific vocabulary to inform about		9e94-7a9da3e2ecac/tabs/054d49d8-d8t5-4203-b276-19e25b56cc5t/pages/7c74415t-77b5-48td-8c42-d4b5a5a47d5t
	or explain the topic.	Comprehensive Science 2 - Florida (2017) >	
		Life Science > Evolutionary Theory > Darwin	
		and Natural Selection > Elaborate with STEM >	
		STEW Project Starter 2 > What Did Darwin Dor	
LAFS.68.WHST.1.2	e. Establish and maintain a formal	Darwin and Natural Selection	https://app.discoveryeducation.com/learn/techbook/units/21b174a7-6bb0-439a-b41c-a8987b1a08ae/concepts/bb6f4f76-e8cf-44cb-
	style and objective tone.		9e94-7a9da3e2ecac/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/7c74415f-77b5-48fd-8c42-d4b5a5a47d5f
		Comprehensive Science 2 - Florida (2017) >	
		Life Science > Evolutionary Theory > Darwin	
		and Natural Selection> Elaborate with STEM >	
		STEM Project Starter 2 > What Did Darwin Do?	
LAFS.68.WHST.1.2	f. Provide a concluding statement or	Darwin and Natural Selection	https://app.discoveryeducation.com/learn/techbook/units/21b174a7-6bb0-439a-b41c-a8987b1a08ae/concepts/bb6f4f76-e8cf-44cb-
	section that follows from and		9e94-7a9da3e2ecac/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/7c74415f-77b5-48fd-8c42-d4b5a5a47d5f
	supports the information or	Comprehensive Science 2 - Florida (2017) >	
	explanation presented.	Life Science > Evolutionary Theory > Darwin	
		and Natural Selection> Elaborate with STEM >	
		STEM Project Starter 2 > What Did Darwin Do?	
LAFS.68.WHST.1.2	Write informative/explanatory texts	Relationships Among Organisms	https://app.discoverveducation.com/learn/techbook/units/850f536d-1c04-4ac7-9d23-2969c95230e7/concents/57ee83ha-63ff-4eec-
	including the narration of historical		b3eb-b62c61c8d63d/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/53f6a3eb-7227-4f25-b79c-2795800c4c98
	events, scientific procedures/	Comprehensive Science 2 - Florida (2017) >	
	experiments, or technical processes.	Life Science > Interdependence of Organisms	
	, , ,	> Relationships among Organisms > Elaborate	
		with STEM > STEM Project Starters page 2 >	
		Project: Nature's Design	

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	Trophic Relationships	https://app.discoveryeducation.com/learn/techbook/units/850f536d-1c04-4ac7-9d23-2969c95230e7/concepts/9f843ca4-e34e-46aa-
	arganization, and style are appropriate to task, purpose, and audience.	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	90011103123901900/t805/03404908-0819-4203-0270-196230500033713-0470-4001-9010-961007838680
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.discoverveducation.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.discoverveducation.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

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LAFS.68.WHST.3.8	Gather relevant information from	Factors That Influence Human Growth and	https://app.discoveryeducation.com/learn/techbook/units/a514f95e-f65f-4d61-b6de-1aed12005b74/concepts/219c9bb7-7775-4005-
	multiple print and digital sources,	Development	bdd5-e700be2723d5/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/eed20b2d-c7ef-4a3c-a873-7bd13e1ee780
	using search terms effectively;		
	assess the credibility and accuracy of	Comprehensive Science 2 - Florida (2017) >	
	each source; and quote or	Life Science > Heredity and Reproduction >	
	paraphrase the data and conclusions	Factors the Influence Human Growth and	
	of others while avoiding plagiarism	Development> Elaborate with STEM > STEM	
	and following a standard format for	in Action: Finding a Killer Gene	
	citation.		
LAFS.68.WHST.3.8	Gather relevant information from	Darwin and Natural Selection	https://app.discoverveducation.com/learn/techbook/units/21b174a7-6bb0-439a-b41c-a8987b1a08ae/concepts/bb6f4f76-e8cf-44cb-
	multiple print and digital sources,		9e94-7a9da3e2ecac/tabs/054d49d8-d8t5-4203-b276-19e25b56cc5t/pages/7c74415t-77b5-48td-8c42-d4b5a5a47d5t
	using search terms effectively;	Comprehensive Science 2 - Florida (2017) >	
	assess the credibility and accuracy of	Life Science > Evolutionary Theory > Darwin	
	each source; and quote or	and Natural Selection> Elaborate with STEM >	
	paraphrase the data and conclusions	STEM Project Starter 2 > What Did Darwin Do?	
	of others while avoiding plagiarism		
	and following a standard format for		
	citation.		
LAFS.68.WHST.3.8	Gather relevant information from	Factors That Influence Human Growth and	https://app.discoverveducation.com/plaver/view/assetGuid/66886dbe-bfb2-4f01-a55e-5d77a3ff6ed1
	multiple print and digital sources.	Development	
	using search terms effectively:		
	assess the credibility and accuracy of	Comprehensive Science 2 - Florida (2017) >	
	each source; and quote or	Life Science > Heredity and Reproduction >	
	paraphrase the data and conclusions	Factors the Influence Human Growth and	
	of others while avoiding plagiarism	Development> Explore > Explore More	
	and following a standard format for	Resources > Hands-On Activity: Healthy Living	
	citation.	Campaign	
LAFS.68.WHST.3.9	Draw evidence from informational	Factors That Influence Human Growth and	https://app.discoveryeducation.com/learn/techbook/units/a514f95e-f65f-4d61-b6de-1aed12005b74/concepts/219c9bb7-7775-4005-
	texts to support analysis reflection,	Development	bdd5-e700be2723d5/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/23e70491-2110-4695-aa43-108b9c8c0031
	and research.		
		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	
	Analyza how any ironmontal factors	Therapy Eactors That Influence Human Growth and	http://app.diccovoruglucation.com/loarn/tachback/unitr/a514f05a.f55f.4d61.h6da.tagd12005h74/concentr/210c0hb7.7775.4005
112.7.0.1.5	affect personal health	Development	https://app.uscoveryeducation.com/rearin/edu/setails/apite/solida/comor/c609db304/apite/solida/como
		Development	0007_5100665157021400312308201_560L40652012-10016920104/h862900000232-05504621-2734521430660431
		Comprehensive Science 2 - Florida (2017) >	
		Life Science > Heredity and Reproduction >	
		Factors the Influence Human Growth and	
		Development> Explore > Core Interactive Text	
		page 2	

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) >	https://app.discoveryeducation.com/player/view/assetGuid/76128b89-86de-4f25-93e7-bdd429a2d724
		Life Science > Heredity and Reproduction > Factors the Influence Human Growth and Development> Explore > Explore More Resources > Reading Passage: Human Growth and Development	
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	https://app.discoveryeducation.com/player/view/assetGuid/9aaf5160-9992-48c1-acaf-dbbca9abc7e8
		Resources > Reading Passage: Hazardous to Your Health	
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

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	Color and the Electromagnetic Spectrum	https://app.discoveryeducation.com/learn/techbook/units/77c09a2c-d542-4335-a808-d72a14d08ff6/concepts/0418e9ce-9663-490f-
	repeated reasoning.		<u>983c-15bf4724b5b3/tabs/759da9a7-2edf-4cde-9515-7081ca990764</u>
		Comprehensive Science 2 - Florida (2017) -	
		Florida (2017) > Light Energy > Color and the	
		Electromagnetic spectrum > Explore > Core	
		interactive text page 1 > build the spectrum	
MAFS.K12.MP.8.1	Look for and express regularity in	Transformation of Energy	https://app.discoverveducation.com/learn/techbook/units/c196be36-72d4-4c44-8f50-aece8b008236/concepts/246dbc2e-a312-4279-
	repeated reasoning.		ab48-009489f1ae1f/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/b4600c89-0ec8-4ad4-9033-a471f4761269
		Comprehensive Science 2- Florida (2017) >	
		Transforming Energy > Transformation of	
		Energy > Elaborate with STEM > STEM Project	
		Starters page 2 > Project: Transformation of	
MAFS.K12.MP.8.1	Look for and express regularity in	Heat and Temperature	https://app.discoverveducation.com/learn/techbook/units/6f3bf6aa-1a5a-4143-bec7-4be88e12f0a5/conceots/4f544641-faeb-419d-
	repeated reasoning.		8307-8258484c1ab3/tabs/759da9a7-2edf-4cde-9515-7081ca990764/pages/4b020a4e-b578-49d1-9075-faec001e7615
		Comprehensive Science 2 - Florida (2017) >	
		Physical Science > Thermal Energy > Heat and	
		Temperature > Explore > CIT page 2 >	
		Thermal Equilibirum	
MAFS K12 MP 8 1	Look for and express regularity in	Heat and Temperature	https://app.discoverveducation.com/player/view/assetGuid/38d876fc-h18d-4bae-aed2-a5d230889dcf
	repeated reasoning.		Interse/Jupprosector reduction.com/parter/ven/usectoria/sed/ore size hour dear usar sousous
		Comprehensive Science 2 - Florida (2017) >	
		Thermal Energy > Heat and Temperature >	
		Explore > CIT page 2 > HOL: Final Temperature	
66 7 N 4 4	Define and the formula and the		
SC.7.N.1.1	Define a problem from the seventh	Color and the Electromagnetic Spectrum	nttps://app.discoveryeducation.com/piayer/view/assetGuid/3ec10338-b322-4C4-b119-0acc1563/495
	reference materials to support	Comprehensive Science 2 - Elorida (2017) -	
	scientific understanding plan and	Elorida $(2017) > 1$ ight Energy > Color and the	
	carry out scientific investigation of	Electromagnetic Spectrum > Explore > Core	
	various types, such as systematic	Interactive Text page 2 > Hands-On Lab:	
	observations or experiments,	Rainbows Required	
	identify variables, collect and		
	organize data, interpret data in		
	charts, tables, and graphics, analyze		
	information, make predictions, and		
	detend conclusions.		
SC.7.N.1.2	Differentiate replication (by others)	Transmission and Absorption	https://app.discoveryeducation.com/player/view/assetGuid/c26fe17b-220b-4c4e-bbd0-948e109beebf
	from repetition (multiple trials).		
		Comprehensive Science 2 - Florida (2017) -	
		Florida (2017) > Energy and Change > Light	
		Energy > Transmission and Absorption >	
		Explore > Core Interactive Text page 2 >	
		Tianus-On Activity. The Solar Cooker	

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

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	Types of Waves	https://app.discoveryeducation.com/learn/techbook/units/77c09a2c-d542-4335-a808-d72a14d08ff6/concepts/eb3c6374-c43e-42d9-
	waves, and other waves move at		<u>83af-da17ae3d0ae7/tabs/759da9a7-2edf-4cde-9515-7081ca990764</u>
	different speeds in different	Comprehensive Science 2 - Florida (2017) -	
	materials.	Florida (2017) > Energy and Change > Light	
		Energy > Types of waves > Explore > CIT page	
SC.7.P.10.3	Recognize that light waves, sound	Types of Waves	https://app.discoveryeducation.com/learn/techbook/units/77c09a2c-d542-4335-a808-d72a14d08ff6/concepts/eb3c6374-c43e-42d9-
	waves, and other waves move at		83af-da17ae3d0ae7/tabs/759da9a7-2edf-4cde-9515-7081ca990764/pages/04046b1d-acf1-4f43-a7dc-97a7ade74f5e
	different speeds in different	Comprehensive Science 2 - Florida (2017) -	
	materials.	Florida (2017) > Energy and Change > Light	
		Energy > Types of Waves > Explore > CIT page	
		3 > TEI: Analyzing Types of Waves	
SC.7.P.11.1	Recognize that adding heat to or	Heat and Temperature	https://app.discoveryeducation.com/player/view/assetGuid/46f976d4-c269-4d43-80c0-8912da33a24e
	removing heat from a system may		
	result in a temperature change and	Comprehensive Science 2 - Florida (2017) >	
	possibly a change of state.	Thermal Energy > Heat and Temperature >	
		Explore > Explore More Resources > Hands-	
		Of Activity. Heat fransier and Meiting ice	
SC.7.P.11.1	Recognize that adding heat to or	Heat and Temperature	https://app.discoveryeducation.com/player/view/assetGuid/54303870-8eaf-4aa1-8a1e-4239995f9b0a
	removing heat from a system may		
	result in a temperature change and	Comprehensive Science 2 - Florida (2017) >	
	possibly a change of state.	Thermal Energy > Heat and Temperature >	
		Explore > Explore More Resources >	
SC.7.P.11.1	Recognize that adding heat to or	Heat and Temperature	https://app.discoveryeducation.com/player/view/assetGuid/a6cabf97-672a-452e-8ab0-bed19b1deb6b
	removing heat from a system may		
	result in a temperature change and	Comprehensive Science 2 - Florida (2017) >	
	possibly a change of state.	Evoloro > Evoloro Moro Pocourcos >	
		Collaborative Project: The Great Ice Transfer	
SC.7.P.11.2	Investigate and describe the	Transformation of Energy	https://app.discoveryeducation.com/player/view/assetGuid/1281579a-a76b-4e02-bcfb-b1c6065ae6d2
	transformation of energy from one	Community Science 2 Florida (2017)	
	form to another.	Transforming Energy > Transformation of	
		Energy > Explore > Explore More Resources >	
		Hands-On Activity: Investigating Energy	
		Transformations in a Circuit	
SC 7 P 11 2	Investigate and describe the	Transformation of Energy	https://ann.discoverveduration.com/learn/techhook/units/c196he36-72dA_AcAA_8f50-aece8h008236/conconts/246dbc20_a212_4270
50.7.1.11.2	transformation of energy from one	Transionation of Lifergy	ab48-009489f1ae1f/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/nages/07hff490-452f-48f4-ab78-dd77aabbe0ce
	form to another.	Comprehensive Science 2- Florida (2017) >	
		Transforming Energy Transformation of	
		Energy > Elaborate with STEM > STEM in	
		Action: Solar Power Engineering	
SC.7.P.11.3	Cite evidence to explain that energy	Transformation of Energy	https://app.discoveryeducation.com/learn/techbook/units/c196be36-72d4-4c44-8f50-aece8b008236/concepts/246dbc2e-a312-4279-
	cannot be created nor destroyed,		ab48-009489f1ae1f/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/b4600c89-0ec8-4ad4-9033-a471f4761269
	only changed from one form to	Comprehensive Science 2- Florida (2017) >	
	anotner.	Figure 2 Constant And A Constant And A Constant And A Constant A C	
		Starters name 2 > Project: Transformation of	
		Energy in Nature	

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.discoverveducation.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.discoverveducation.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

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	Radiation	https://app.discoveryeducation.com/learn/techbook/units/6f3bf6aa-1a5a-4143-bec7-4be88e12f0a5/concepts/bc418d8c-f836-4dfd-
	style.		ae00-005dca407902/tabs/0df56444-5400-41eb-a6ce-de52b7efb950
		Comprehensive Science 2 - Florida (2017) > >	
		Thermal Energy > Radiation > Explain	
LAFS.68.WHST.1.1	e. Provide a concluding statement or	Radiation	https://app.discoveryeducation.com/learn/techbook/units/6f3bf6aa-1a5a-4143-bec7-4be88e12f0a5/concepts/bc418d8c-f836-4dfd-
	section that follows from and		ae00-005dca407902/tabs/0df56444-5400-41eb-a6ce-de52b7efb950
	supports the argument presented.	Comprehensive Science 2 - Florida (2017) > >	
		Thermal Energy > Radiation > Explain	
LAFS.68.WHS1.1.2	Write informative/explanatory texts,	Transformation of Energy	https://app.oiscoveryeducation.com/learn/techbook/units/c196be36-/2d4-4c44-8t5U-aece8b0u8256/concepts/246dbc2e-a312-42/9-
	including the narration of historical		ab48-00948911ae1t/tabs/054d49d8-d8t5-4203-b276-19e25b56cc5t/pages/48ctbb95-2093-4c30-b339-47993a958e20
	events, scientific procedures/	Comprehensive Science 2- Florida (2017) >	
	experiments, or technical processes.	Transforming Energy > Transformation of	
		Energy > Elaborate with STEW > STEW Project	
		Starters page 1 > Project: Designing a Free	
LAFS 68 WHST 1 2	a Introduce a topic clearly	Energy Machine	https://app.discoveryeducation.com/learp/techbook/units/c106be36-72d4_4c44.9f50_ace8b008236/concents/246dbc3e_a212_4270_
LAI 5.00. WH 51.1.2	previewing what is to follow:	Transformation of Energy	https://bjp.indoveryeculeation.com/near/realing/eculoses/analyse
	organize ideas concents and	Comprehensive Science 2- Florida (2017) >	
	information into broader categories	Transforming Energy > Transformation of	
	as appropriate to achieving purpose:	Energy > Elaborate with STEM > STEM Project	
	include formatting (e.g. headings)	Starters nage 1 > Project: Designing a Free	
	graphics (e.g. charts tables) and	Energy Machine	
	multimedia when useful to aiding	Licity indennie	
	comprehension.		
LAFS.68.WHST.1.2	b. Develop the topic with relevant,	Transformation of Energy	https://app.discoveryeducation.com/learn/techbook/units/c196be36-72d4-4c44-8f50-aece8b008236/concepts/246dbc2e-a312-4279-
	well-chosen facts, definitions,		ab48-009489f1ae1f/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/48cfbb95-2093-4c30-b339-47993a958e20
	concrete details, quotations, or	Comprehensive Science 2- Florida (2017) >	
	other information and examples.	Transforming Energy > Transformation of	
		Energy > Elaborate with STEM > STEM Project	
		Starters page 1 > Project: Designing a Free	
		Energy Machine	
LAFS.68.WHS1.1.2	c. Use appropriate and varied	Transformation of Energy	https://app.oiscoveryeducation.com/learn/tecnbook/units/c196be36-/204-4c44-850-3ece8b0u8256/concepts/246obc2e-a312-42/9-
	transitions to create conesion and	Comparing Colored D. Florida (2017)	<u>a048-00948911ae11/ta0s/05404908-0815-4203-0276-19e25056cc51/pages/48ct0095-2093-4c30-0339-47993a958e20</u>
	clarify the relationships among ideas	Comprehensive Science 2- Florida (2017) >	
	and concepts.	Transforming Energy > Transformation of	
		Energy > Elaborate With STEW > STEW Project	
		Starters page 1 > Project. Designing a Free	
LAFS.68.WHST.1.2	d. Use precise language and domain-	Transformation of Energy	https://app.discoverveducation.com/learn/techbook/units/c196be36-72d4-4c44-8f50-aece8b008236/concepts/246dbc2e-a312-4279-
	specific vocabulary to inform about		ab48-009489f1ae1f/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/48cfbb95-2093-4c30-b339-47993a958e20
	or explain the topic.	Comprehensive Science 2- Florida (2017) >	
		Transforming Energy > Transformation of	
		Energy > Elaborate with STEM > STEM Project	
		Starters page 1 > Project: Designing a Free	
		Energy Machine	
LAFS.68.WHST.1.2	e. Establish and maintain a formal	Transformation of Energy	https://app.discoveryeducation.com/learn/techbook/units/c196be36-72d4-4c44-8f50-aece8b008236/concepts/246dbc2e-a312-4279-
	style and objective tone.		ab48-009489f1ae1f/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/48cfbb95-2093-4c30-b339-47993a958e20
		Comprehensive Science 2- Florida (2017) >	
		Transforming Energy > Transformation of	
		Energy > Elaborate with STEM > STEM Project	
		Starters page 1 > Project: Designing a Free	
		Energy Machine	

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	Transformation of Energy	https://app.discoveryeducation.com/learn/techbook/units/c196be36-72d4-4c44-8f50-aece8b008236/concepts/246dbc2e-a312-4279-
	section that follows from and		ab48-009489f1ae1f/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/48cfbb95-2093-4c30-b339-47993a958e20
	supports the information or	Comprehensive Science 2- Florida (2017) >	
	explanation presented.	Transforming Energy > Transformation of	
		Energy > Elaborate with STEM > STEM Project	
		Starters page 1 > Project: Designing a Free	
		Energy Machine	
LAFS.68.WHST.2.4	Produce clear and coherent writing	Heat and Temperature	https://app.discoverveducation.com/learn/techbook/units/6f3bf6aa-1a5a-4143-bec7-4be88e12f0a5/concepts/4f544641-faeb-419d-
	in which the development,		8307-8258484c1ab3/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/cfb5dbf5-0f8e-48ca-8721-121fc98aac80
	organization, and style are	Comprehensive Science 2 - Florida (2017) >	
	appropriate to task, purpose, and	Thermal Energy > Heat and Temperature >	
	audience.	Elaborate with STEM > STEM Project Starters	
		page 1 > Project: Too Hot to Handle	
LAFS.68.WHST.2.5	With some guidance and support	Heat and Temperature	https://app.discoveryeducation.com/learn/techbook/units/6f3bf6aa-1a5a-4143-bec7-4be88e12f0a5/concepts/4f544641-faeb-419d-
	from peers and adults, develop and		8307-8258484c1ab3/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/cfb5dbf5-0f8e-48ca-8721-121fc98aac80
	strengthen writing as needed by	Comprehensive Science 2 - Florida (2017) >	
	planning, revising, editing, rewriting,	Thermal Energy > Heat and Temperature >	
	or trying a new approach, focusing	Elaborate with STEM > STEM Project Starters	
	on how well purpose and audience	page 1 > Project: Too Hot to Handle	
	have been addressed.		
	Cathor relevant information from	Transformation of Enormy	https://app.discoverveducation.com/lapp.ltachbook/units/c106ho26.72d4.4c44.9fE0.apca0h09226/concents/246dbc20.a212.4270.
LAF5.08.W1151.5.8	multiple print and digital sources	Transformation of Energy	11(1)57/30/2014 (1)201
	using soarch torms offoctively:	Comprohensive Science 2 Florida (2017) >	
	assess the credibility and accuracy of	Transforming Energy > Transformation of	
	each source: and quote or	Energy > Elaborate with STEM > STEM Project	
	paraphrase the data and conclusions	Starters page 1 > Project: Designing a Free	
	of others while avoiding plagiarism	Energy Machine	
	and following a standard format for	Energy Machine	
	citation.		
LAFS.7.SL.1.1:	Engage effectively in a range of	Plate Tectonics	https://app.discoveryeducation.com/learn/techbook/units/59143d67-a5c9-4cec-8658-2a3743a067b2/concepts/7e432897-4033-4719-
	collaborative discussions (one-on-		<u>a6d8-06d9124eab33/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/9f850fd1-f9ec-45f3-867e-8309700d9d8e</u>
	one, in groups, and teacher-led) with	Comprehensive Science 2 - Florida (2017) >	
	diverse partners on grade 7 topics,	Earth & Space Science > Plate Tectonic Theory	
	texts, and issues, building on others'	> Plate Tectonics > Elaborate with STEM >	
	ideas and expressing their own	STEM Project Starters page 2 > Project:	
	clearly.	Design a Plate Tectonic Game	
LAF5.7.5L.1.2:	Analyze the main ideas and	Anthropogenic changes	https://db/usicoveryeoucation.com/rearr/tecinoocy/unicy850/5306-104-442/-3023-2366(5523067/C0ncepts/2222085-3004-108- 9177_0A42bba372-3164/bba376-316-316-316-316-316-316-316-316-316-31
	diverse media and formate (o.g.	Comprohensive Science 2 Florida (2017)	01/1-36420091/1C2/(405/03404400-0013-4502-02/0-13622020CC3)/bd862/0/281003-4/43-4614-3420-376024709444
	visually guantitatively orally) and	Life Science > Interdependence of Organisms	
	explain how the ideas clarify a topic	Anthropogenic Changes > Elaborate with	
	toxt, or issue under study	STEM > STEM in Action: Caroor: Science	
	text, or issue under study.	Personality	
LAFS.7.SL.1.3:	Delineate a speaker's argument and	Habitat Destruction	https://app.discoveryeducation.com/learn/techbook/units/850f536d-1c04-4ac7-9d23-2969c95230e7/concepts/1f143599-a822-44e5-
	specific claims, evaluating the		a60a-061a0641d827/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/e0589aa8-6af4-4580-8b8d-7687f32232bb
	soundness of the reasoning and the	Comprehensive Science 2 - Florida (2017) >	
	relevance and sufficiency of the	Life Science > Interdependance of Organisms	
	evidence.	> Habitat Destruction > Elaborate with STEM	
		> STEM Project Starters page 2 > Project:	
		Examining Habitat Loss	

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.discoverveducation.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.discoverveducation.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

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	Sexual	https://app.discoveryeducation.com/learn/techbook/units/a514f95e-f65f-4d61-b6de-1aed12005b74/concepts/febe1fa5-3c74-4a79-
	chance event is a number between 0		a08a-8c0670e5e6e9/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/11752cc2-85e2-47fb-a2a9-12945309e5f0
	and 1 that expresses the likelihood	Comprehensive Science 2 - Florida (2017) >	
	of the event occurring. Larger	Life Science > Heredity and Reproduction >	
	numbers indicate greater likelihood.	Sexual> Elaborate with STEM > STEM Project	
	A probability near 0 indicates an	Starters page 1 > Project: Heads or Tails?	
	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.		
	the design of the table is such as 100 and 50	C	
MAF5.7.5P.3.5:	Understand that the probability of a	Genes	https://dp.uscoveryeoucation.com/jearn/cechoook/unic/a314/356-1551-4061-5060-1ae012005074/concepts/11datee-390e-4155-
	chance event is a number between u	Company honorius Colonae 2 - Florida (2017) >	9105-CDUC891362U1/18DS/U5404908-0815-42U3-D2/6-19625D56CC5//D8g85/086DC585-15C8-4416-8246-15D89C894889
	and 1 that expresses the likelihood	Comprehensive Science 2 - Florida (2017) >	
	of the event occurring. Larger	Life Science > Heredity and Reproduction >	
	numbers indicate greater likelinood.	Genes > Elaborate with STEW > STEW Project	
	A probability near 0 indicates an	Starters page 2 > Project: what Are the Odds?	
	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.		