

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

SUBMISSION TITLE:	Biology - Florida (2017)
GRADE LEVEL:	HS
PUBLISHER:	Discovery Education

BENCHMARK CODE	BENCHMARK	LESSONS WHERE STANDARD/BENCHMARK IS DIRECTLY ADDRESSED IN MAJOR TOOL (MOST IN-DEPTH COVERAGE LISTED FIRST) (Include the student edition and teacher edition with the page numbers of lesson, a link to lesson, or other identifier for easy lookup by reviewers.)
MAFS.K12.MP.1.1	Make sense of problems and persevere in solving them.	Biology - Florida (2017) > Living Things and Their Environment > Human Body Systems and Homeostasis > Nervous System > Explore > Explore More Resources > Hands-On Lab: Reflex, Reaction, and Sensation https://app.discoveryeducation.com/player/view/assetGuid/10fbd041-65b1-4577-b976-87284ba14324
MAFS.K12.MP.1.1	Make sense of problems and persevere in solving them.	Biology - Florida (2017) > Living Things and Their Environment > Human Body Systems and Homeostasis > Cardiovascular System > Elaborate with STEM > STEM Project Starters page 2 > Project: The Heart as a Pump https://app.discoveryeducation.com/learn/techbook/units/6cc2c821-bab0-4bdd-8a36-e4ff66830003/concepts/63bee321-a716-4c60-9d84-52ebc8f713af/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/8f6aab5f-8343-4b82-97ad-4dce78c62e0f
MAFS.K12.MP.1.1	Make sense of problems and persevere in solving them.	Biology - Florida (2017) > Introduction to Biology > Energy and Life > Cellular Respiration > Explore > Explore More Resources > Hands-On Lab: Aerobic vs. Anaerobic Respiration https://app.discoveryeducation.com/player/view/assetGuid/02d8ef96-e9fa-434c-8fb4-b97e1a153c6e
MAFS.K12.MP.1.1	Make sense of problems and persevere in solving them.	Biology - Florida (2017) > Living Things and Their Environment > Plant Growth and Development > Plant Form and Function > Elaborate with STEM > STEM in Action: Applying Plant Form and Function https://app.discoveryeducation.com/learn/techbook/units/51712483-7aa2-4561-9fee-f56766420ee8/concepts/7f541c8e-cc6f-44f5-b20c-7af17f263ce2/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/99f5d99d-246e-468b-aefb-3907eb3da820
MAFS.K12.MP.2.1	Reason abstractly and quantitatively.	Biology - Florida (2017) > Living Things and Their Environment > Human Body Systems and Homeostasis > Cardiovascular System > Elaborate with STEM > STEM Project Starters page 2 > Project: The Heart as a Pump https://app.discoveryeducation.com/learn/techbook/units/6cc2c821-bab0-4bdd-8a36-e4ff66830003/concepts/63bee321-a716-4c60-9d84-52ebc8f713af/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/8f6aab5f-8343-4b82-97ad-4dce78c62e0f
MAFS.K12.MP.2.1	Reason abstractly and quantitatively.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Reproduction and Heredity > Transcription and Translation > Explore > Explore More Resources > Hands-On Lab: Variation and Distribution of Expressed Traits https://app.discoveryeducation.com/player/view/assetGuid/94a1ce2c-c094-407b-b4e2-a86e0f5696f0
MAFS.K12.MP.2.1	Reason abstractly and quantitatively.	Biology - Florida (2017) > Energy and Life > Cellular Respiration > Explore > Explore More Resources > Hands-On Lab: Aerobic vs. Anaerobic Respiration https://app.discoveryeducation.com/player/view/assetGuid/02d8ef96-e9fa-434c-8fb4-b97e1a153c6e
MAFS.K12.MP.2.1	Reason abstractly and quantitatively.	Physical Science - Florida (2017) > Energy and Life > Cellular Respiration > Elaborate with STEM > STEM Project Starters page2 > Project: Measuring Cellular Respiration Virtual Lab https://app.discoveryeducation.com/learn/techbook/units/5280d092-0fd6-4a89-8fb6-93b67089ff37/concepts/feff5843-d05f-435d-bda1-246995565ab3/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/449d8808-baa4-416e-88aa-fc38024b8fdc
MAFS.K12.MP.2.1	Reason abstractly and quantitatively.	Biology - Florida (2017) > Living Things and Their Environment > Ecology > Describing Populations > Explore > Explore More Resources > Hands-On Lab: Population Demographics https://app.discoveryeducation.com/player/view/assetGuid/cb5b7623-1d82-4c73-bfc1-d8bedf3f7382
MAFS.K12.MP.3.1	Construct viable arguments and critique the reasoning of others.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Reproduction and Heredity > Transcription and Translation > Explore > Explore More Resources > Hands-On Activity: Nature Versus Nurture https://app.discoveryeducation.com/player/view/assetGuid/2240c61d-8613-4f84-8fa5-d4f5a0053774

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MAFS.K12.MP.3.1	Construct viable arguments and critique the reasoning of others.	Biology - Florida (2017) > Living Things and Their Environment > Plant Growth and Development > Plant Form and Function > Elaborate with STEM > STEM in Action: Applying Plant Form and Function	https://app.discoveryeducation.com/learn/techbook/units/51712483-7aa2-4561-9fee-f56766420ee8/concepts/7f541c8e-cc6f-44f5-b20c-7af17f263ce2/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f
MAFS.K12.MP.3.1	Construct viable arguments and critique the reasoning of others.	Biology - Florida (2017) > Introduction to Biology > Energy and Life > Photosynthesis > Elaborate with STEM > STEM in Action: Applying Photosynthesis	https://app.discoveryeducation.com/learn/techbook/units/5280d092-0fd6-4a89-8fb6-93b67089ff37/concepts/35d90fa2-9bb0-4c06-ad34-03121cd9f7e2/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f
MAFS.K12.MP.3.1	Construct viable arguments and critique the reasoning of others.	Biology - Florida (2017) > Introduction to Biology > Energy and Life > Photosynthesis > Explain >	https://app.discoveryeducation.com/learn/techbook/units/5280d092-0fd6-4a89-8fb6-93b67089ff37/concepts/35d90fa2-9bb0-4c06-ad34-03121cd9f7e2/tabs/0df56444-5400-41eb-a6ce-de52b7efb950
MAFS.K12.MP.3.1	Construct viable arguments and critique the reasoning of others.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Reproduction and Heredity > Genetic Disorders and Technology > Elaborate with STEM > STEM Project Starters page 1 > Project: Gene Therapy Research	https://app.discoveryeducation.com/learn/techbook/units/00ed1b9e-3bf0-49ef-a9f6-abf89f199a31/concepts/9becb599-d9f9-41b4-ad3d-127de3bd3703/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/f4543a66-c06e-474e-9461-b91d5a4e7148
MAFS.K12.MP.4.1	Model with mathematics.	Biology - Florida (2017) > Living Things and Their Environment > Human Body Systems and Homeostasis > Diversity of Living Things > Evolution > Explore > Explore More Resources > Hands-On Lab: The Evolution Game	https://app.discoveryeducation.com/player/view/assetGuid/fb9d997b-f52b-414a-97c7-32230095d688
MAFS.K12.MP.4.1	Model with mathematics.	Biology - Florida (2017) > Living Things and Their Environment > Human Body Systems and Homeostasis > Diversity of Living Things > The History of Life on Earth > Explore > Explore More Resources > Hands-On Activity: Life on Earth: A Timeline	https://app.discoveryeducation.com/player/view/assetGuid/a6c4ea09-9afc-4375-a437-8320fd198d75
MAFS.K12.MP.4.1	Model with mathematics.	Biology - Florida (2017) > Living Things and Their Environment > Human Body Systems and Homeostasis > Nervous System > Elaborate with STEM > STEM Project Starters page 2 > Project: Addictive Substances	https://app.discoveryeducation.com/learn/techbook/units/6cc2c821-bab0-4bdd-8a36-e4ff66830003/concepts/3a4e6fc8-d116-45f7-a9f9-80164ddba5da/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/b2adddba-7803-482c-bda5-7e93ef0be7cc
MAFS.K12.MP.4.1	Model with mathematics.	Biology - Florida (2017) > Living Things and Their Environment > Human Body Systems and Homeostasis > Cardiovascular System > Elaborate with STEM > STEM Project Starters page 2 > Project: The Heart as a Pump	https://app.discoveryeducation.com/learn/techbook/units/6cc2c821-bab0-4bdd-8a36-e4ff66830003/concepts/63bee321-a716-4c60-9d84-52ebc8f713af/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/8f6aab5f-8343-4b82-97ad-4dce78c62e0f
MAFS.K12.MP.4.1	Model with mathematics.	Biology - Florida (2017) > Diversity of Living Things > The History of Life on Earth > Explore > Explore More Resources > Hands-On Lab: Analyzing Biological Diversity, Extinction, and Evolution	https://app.discoveryeducation.com/player/view/assetGuid/cd6d3862-6806-4530-a315-ff89de0d3112
MAFS.K12.MP.5.1	Use appropriate tools strategically.	Biology - Florida (2017) > Living Things and Their Environment > Plant Growth and Development > Plant Form and Function > Elaborate with STEM > STEM Project Starters page 3 > Project: Race to the Top > Hands-On Lab: Race to the Top	https://app.discoveryeducation.com/player/view/assetGuid/B30D5344-A802-42D0-B6C8-2BB93E1E3DE5
MAFS.K12.MP.5.1	Use appropriate tools strategically.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Reproduction and Heredity > Genetic Engineering > Explore > Explore More Resources > Hands-On Lab: Transformation of <i>E. coli</i> Bacteria	https://app.discoveryeducation.com/player/view/assetGuid/352a2756-3b9b-40c5-bbf5-6ce5cd31a249

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MAFS.K12.MP.5.1	Use appropriate tools strategically.	Biology - Florida (2017) > Introduction to Biology > The Chemistry of Living Things > Chemical Reactions > Explore > Explore More Resources > Hands-On Lab: Name that Chemical Reaction	https://app.discoveryeducation.com/player/view/assetGuid/fa5a7de3-2b63-4a57-b33a-566c01750826
MAFS.K12.MP.5.1	Use appropriate tools strategically.	Biology - Florida (2017) > Introduction to Biology > Energy and Life > Photosynthesis > Explore > Explore More Resources > Hands-On Lab: Measuring Plant Respiration and Photosynthesis	https://app.discoveryeducation.com/player/view/assetGuid/7e3f2c30-729f-4e2d-92f0-5487df0bd977
MAFS.K12.MP.5.1	Use appropriate tools strategically.	Biology - Florida (2017) > Introduction to Biology > The Chemistry of Living Things > The Chemistry of Life > Explore > Explore More Resources > Hands-On Lab: Effect of Temperature and pH on Enzymes	https://app.discoveryeducation.com/player/view/assetGuid/d31e1a71-af05-4ab3-868d-3182464e859b
MAFS.K12.MP.6.1	Attend to precision.	Biology - Florida (2017) > Living Things and Their Environment > Human Body Systems and Homeostasis > Diversity of Living Things > The History of Life on Earth > Explore > Explore More Resources > Hands-On Activity: Life on Earth: A Timeline	https://app.discoveryeducation.com/player/view/assetGuid/a6c4ea09-9afc-4375-a437-8320fd198d75
MAFS.K12.MP.6.1	Attend to precision.	Biology - Florida (2017) > Living Things and Their Environment > Plant Growth and Development > Plant Form and Function > Elaborate with STEM > STEM in Action: Applying Plant Form and Function	https://app.discoveryeducation.com/learn/techbook/units/51712483-7aa2-4561-9fee-f56766420ee8/concepts/7f541c8e-cc6f-44f5-b20c-7af17f263ce2/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f
MAFS.K12.MP.6.1	Attend to precision.	Biology - Florida (2017) > Living Things and Their Environment > Human Body Systems and Homeostasis > Cardiovascular System > Elaborate with STEM > STEM Project Starters page 2 > Project: The Heart as a Pump	https://app.discoveryeducation.com/learn/techbook/units/6cc2c821-bab0-4bdd-8a36-e4ff66830003/concepts/63bee321-a716-4c60-9d84-52ebc8f713af/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/8f6aab5f-8343-4b82-97ad-4dce78c62e0f
MAFS.K12.MP.6.1	Attend to precision.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Reproduction and Heredity > Transcription and Translation > Explore > Explore More Resources > Hands-On Lab: Variation and Distribution of Expressed Traits	https://app.discoveryeducation.com/player/view/assetGuid/94a1ce2c-c094-407b-b4e2-a86e0f5696f0
MAFS.K12.MP.7.1	Look for and make use of structure.	Biology - Florida (2017) > Living Things and Their Environment > Human Body Systems and Homeostasis > Lymphoid System > Elaborate with STEM > STEM Project Starters page 2 > Project: Development of Food Allergies	https://app.discoveryeducation.com/learn/techbook/units/6cc2c821-bab0-4bdd-8a36-e4ff66830003/concepts/263a3a54-5288-4c26-9624-2fccda3f00fb/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/33379302-b77e-473a-a379-eb10314b057e
MAFS.K12.MP.7.1	Look for and make use of structure.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Diversity of Living Things > Classification > Elaborate with STEM > STEM Project Starters page 1 > Project: Plant Classification	https://app.discoveryeducation.com/learn/techbook/units/7fb87a74-5dcf-46ac-80a9-74d99d61f576/concepts/1e8ea114-8e4d-45d0-ae10-acf7e122c6e1/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/28a3fb4d-1315-4b52-be62-919688ea27ac
MAFS.K12.MP.7.1	Look for and make use of structure.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Diversity of Living Things > Classification > Elaborate with STEM > STEM in Action: Applying Classification	https://app.discoveryeducation.com/learn/techbook/units/7fb87a74-5dcf-46ac-80a9-74d99d61f576/concepts/1e8ea114-8e4d-45d0-ae10-acf7e122c6e1/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f
MAFS.K12.MP.7.1	Look for and make use of structure.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Reproduction and Heredity > DNA > Elaborate with STEM > STEM Project Starters page 3 > Project: How Far Does It Go?	https://app.discoveryeducation.com/learn/techbook/units/00ed1b9e-3bf0-49ef-a9f6-abf89f199a31/concepts/bbc25049-845f-4474-a211-fa18a69d2f06/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/dea9bdab-4a49-4347-b2d6-616589ca11f8
MAFS.K12.MP.7.1	Look for and make use of structure.	Biology - Florida (2017) > Living Things and Their Environment > Human Body Systems and Homeostasis > Nervous System > Explore > Explore More Resources > Hands-On Lab: Reflex, Reaction, and Sensation	https://app.discoveryeducation.com/player/view/assetGuid/10fbd041-65b1-4577-b976-87284ba14324

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MAFS.K12.MP.8.1	Look for and express regularity in repeated reasoning.	Biology - Florida (2017) > Living Things and Their Environment > Human Body Systems and Homeostasis > Nervous System > Explore > Explore More Resources > Hands-On Lab: Reflex, Reaction, and Sensation	https://app.discoveryeducation.com/player/view/assetGuid/10fbd041-65b1-4577-b976-87284ba14324
MAFS.K12.MP.8.1	Look for and express regularity in repeated reasoning.	Biology - Florida (2017) > Living Things and Their Environment > Human Body Systems and Homeostasis > Lymphoid System > Elaborate with STEM > STEM Project Starters page 2 > Project: Development of Food Allergies	https://app.discoveryeducation.com/learn/techbook/units/6cc2c821-bab0-4bdd-8a36-e4ff66830003/concepts/263a3a54-5288-4c26-9624-2fccda3f00fb/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/33379302-b77e-473a-a379-eb10314b057e
SC.912.E.7.1:	Analyze the movement of matter and energy through the different biogeochemical cycles, including water and carbon.	Biology - Florida (2017) > Living Things and Their Environment > Ecology > Nutrient Cycles > Explore > Core Interactive Text page 2 > TEI: Carbon Cycle	https://app.discoveryeducation.com/learn/techbook/units/997c33d6-d599-4613-a88c-2a9f53e8e03e/concepts/606ace30-779b-4ccd-b606-a5f619033742/tabs/759da9a7-2edf-4cde-9515-7081ca990764/pages/10389887-5b1c-4186-9178-789a9359ef95
SC.912.E.7.1	Analyze the movement of matter and energy through the different biogeochemical cycles, including water and carbon.	Biology - Florida (2017) > Living Things and Their Environment > Ecology > Nutrient Cycles > Explore > Explore More Resources > Exploration: Nutrient Cycles	https://app.discoveryeducation.com/player/view/assetGuid/5316a77b-9000-41d6-8fad-7a9be3175465
SC.912.E.7.1	Analyze the movement of matter and energy through the different biogeochemical cycles, including water and carbon.	Biology - Florida (2017) > Living Things and Their Environment > Ecology > Nutrient Cycles > Explore > Core Interactive Text page 1 > TEI: Drought	https://app.discoveryeducation.com/learn/techbook/units/997c33d6-d599-4613-a88c-2a9f53e8e03e/concepts/606ace30-779b-4ccd-b606-a5f619033742/tabs/759da9a7-2edf-4cde-9515-7081ca990764
SC.912.L.14.1:	Describe the scientific theory of cells (cell theory) and relate the history of its discovery to the process of science.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Cell Processes > Cell Structure and Function > Core Interactive Text page 1 > Reading Passage: Through the Looking Glass: The Cell Theory	https://app.discoveryeducation.com/player/view/assetGuid/b8de8f45-808d-4f47-aaa8-22be6b04a3ef
SC.912.L.14.1	Describe the scientific theory of cells (cell theory) and relate the history of its discovery to the process of science.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Cell Processes > Cell Structure and Function > Core Interactive Text page 1	https://app.discoveryeducation.com/learn/techbook/units/3C8A528C-88FD-4378-A0A3-AC4A97B4109F/concepts/8FB4CE3A-6C54-4895-8EAE-7733AA3CD015
SC.912.L.14.2:	Relate structure to function for the components of plant and animal cells. Explain the role of cell membranes as a highly selective barrier (passive and active transport).	Biology - Florida (2017) > Cells, Heredity, and Diversity > Cell Processes > Cell Structure and Function > Explore > Explore More Resources > Hands-On Lab: Classifying Prokaryotic and Eukaryotic Cells	https://app.discoveryeducation.com/player/view/assetGuid/e71f7a10-2b48-4cb9-96da-717c6fe09438
SC.912.L.14.2:	Relate structure to function for the components of plant and animal cells. Explain the role of cell membranes as a highly selective barrier (passive and active transport).	Biology - Florida (2017) > Cells, Heredity, and Diversity > Cell Processes > Cell Structure and Function > Explore > Explore More Resources > Exploration: Cell Structure and Function	https://app.discoveryeducation.com/player/view/assetGuid/6aca636a-0385-407a-a6da-c56f2577b53d
SC.912.L.14.2:	Relate structure to function for the components of plant and animal cells. Explain the role of cell membranes as a highly selective barrier (passive and active transport).	Biology - Florida (2017) > Cells, Heredity, and Diversity > Cell Processes > Cell Structure and Function > Elaborate with STEM > STEM Project Starters page 2 > Project: Create a Model of a Cell Membrane	https://app.discoveryeducation.com/learn/techbook/units/3c8a528c-88fd-4378-a0a3-ac4a97b4109f/concepts/8fb4ce3a-6c54-4895-8eae-7733aa3cd015/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/97309381-961c-4149-abed-b987c9ba0256

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SC.912.L.14.3:	Compare and contrast the general structures of plant and animal cells. Compare and contrast the general structures of prokaryotic and eukaryotic cells.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Cell Processes > Cell Structure and Function > Explore > Explore More Resources > Hands-On Lab: Classifying Prokaryotic and Eukaryotic Cells	https://app.discoveryeducation.com/player/view/assetGuid/e71f7a10-2b48-4cb9-96da-717c6fe09438
SC.912.L.14.3	Compare and contrast the general structures of plant and animal cells. Compare and contrast the general structures of prokaryotic and eukaryotic cells.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Cell Processes > Cell Structure and Function > Explore > Explore More Resources > Exploration: Cell Structure and Function	https://app.discoveryeducation.com/player/view/assetGuid/6aca636a-0385-407a-a6da-c56f2577b53d
SC.912.L.14.3	Compare and contrast the general structures of plant and animal cells. Compare and contrast the general structures of prokaryotic and eukaryotic cells.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Cell Processes > Cell Structure and Function > Explore > Explore More Resources > Hands-On Lab: Creating and Evaluating Scientific Models of the Cell	https://app.discoveryeducation.com/player/view/assetGuid/50dba2e0-fb70-41dc-81ef-3db53ea51042
SC.912.L.14.4:	Compare and contrast structure and function of various types of microscopes.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Cell Processes > Cell Structure and Function > Explore More Resources > Reading Passage: The Development of the Microscope	https://app.discoveryeducation.com/player/view/assetGuid/8877cbde-83fd-46ef-884a-3ba4f6ab8e4c
SC.912.L.14.6:	Explain the significance of genetic factors, environmental factors, and pathogenic agents to health from the perspectives of both individual and public health.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Reproduction and Heredity > Genetic Disorders and Technology > Explore > Explore More Resources > Exploration: Genetic Disorders and Technology	https://app.discoveryeducation.com/player/view/assetGuid/d1f1b93a-e6ab-4a3b-a6cc-782800185374
SC.912.L.14.6:	Explain the significance of genetic factors, environmental factors, and pathogenic agents to health from the perspectives of both individual and public health.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Diversity of Living Things > Classification > Elaborate with STEM > STEM in Action: Applying Classification	https://app.discoveryeducation.com/learn/techbook/units/7fb87a74-5dcf-46ac-80a9-74d99d61f576/concepts/1e8ea114-8e4d-45d0-ae10-acf7e122c6e1/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f
SC.912.L.14.6:	Explain the significance of genetic factors, environmental factors, and pathogenic agents to health from the perspectives of both individual and public health.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Reproduction and Heredity > Transcription and Translation > Explore > Explore More Resources > Hands-On Activity: Nature Versus Nurture	https://app.discoveryeducation.com/player/view/assetGuid/2240c61d-8613-4f84-8fa5-d4f5a0053774
SC.912.L.14.7:	Relate the structure of each of the major plant organs and tissues to physiological processes.	Biology - Florida (2017) > Living Things and Their Environment > Plant Growth and Development > Plant Form and Function > Explore > Explore More Resources > Exploration: Plant Form and Function	https://app.discoveryeducation.com/player/view/assetGuid/b2cc1220-7066-474a-92a3-d45d146f89ba

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SC.912.L.14.7	Relate the structure of each of the major plant organs and tissues to physiological processes.	Biology - Florida (2017) > Living Things and Their Environment > Plant Growth and Development > Plant Form and Function > Elaborate with STEM > STEM Project Starters page 3 > Project: Race to the Top > Hands-On Lab: Race to the Top	https://app.discoveryeducation.com/player/view/assetGuid/B30D5344-A802-42D0-B6C8-2BB93E1E3DE5
SC.912.L.14.7	Relate the structure of each of the major plant organs and tissues to physiological processes.	Biology - Florida (2017) > Living Things and Their Environment > Plant Growth and Development > Plant Reproduction > Explore > Explore More Resources > Exploration: Plant Reproduction	https://app.discoveryeducation.com/player/view/assetGuid/061b1241-8043-4ef6-8f54-cd21cc272285
SC.912.L.14.26:	Identify the major parts of the brain on diagrams or models.	Biology - Florida (2017) > Living Things and Their Environment > Human Body Systems and Homeostasis > Nervous System > Explore > Explore More Resources > Exploration: Nervous System	https://app.discoveryeducation.com/player/view/assetGuid/e5c73f5d-6715-439e-935f-3051469a8de0
SC.912.L.14.26	Identify the major parts of the brain on diagrams or models.	Biology - Florida (2017) > Living Things and Their Environment > Human Body Systems and Homeostasis > Nervous System > Explore > Core Interactive Text page 1	https://app.discoveryeducation.com/learn/techbook/units/6cc2c821-bab0-4bdd-8a36-e4ff66830003/concepts/3a4e6fc8-d116-45f7-a9f9-80164ddba5da/tabs/759da9a7-2edf-4cde-9515-7081ca990764/pages/e438f5d1-f5e2-4c38-95c7-e8f7c45eed70
SC.912.L.14.36:	Describe the factors affecting blood flow through the cardiovascular system.	Biology - Florida (2017) > Living Things and Their Environment > Human Body Systems and Homeostasis > Cardiovascular System > Elaborate with STEM > STEM in Action: Applying the Cardiovascular System	https://app.discoveryeducation.com/learn/techbook/units/6cc2c821-bab0-4bdd-8a36-e4ff66830003/concepts/63bee321-a716-4c60-9d84-52ebc8f713af/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f
SC.912.L.14.36:	Describe the factors affecting blood flow through the cardiovascular system.	Biology - Florida (2017) > Living Things and Their Environment > Human Body Systems and Homeostasis > Cardiovascular System > Explore > Core Interactive Text page 1	https://app.discoveryeducation.com/learn/techbook/units/6cc2c821-bab0-4bdd-8a36-e4ff66830003/concepts/63bee321-a716-4c60-9d84-52ebc8f713af/tabs/759da9a7-2edf-4cde-9515-7081ca990764
SC.912.L.14.52:	Explain the basic functions of the human immune system, including specific and nonspecific immune response, vaccines, and antibiotics.	Biology - Florida (2017) > Living Things and Their Environment > Human Body Systems and Homeostasis > Lymphoid System > Explore > Core Interactive Text page 2	https://app.discoveryeducation.com/learn/techbook/units/6cc2c821-bab0-4bdd-8a36-e4ff66830003/concepts/263a3a54-5288-4c26-9624-2fccda3f00fb/tabs/759da9a7-2edf-4cde-9515-7081ca990764/pages/e51fe325-55ea-4462-a432-6fec3cbf008e
SC.912.L.14.52	Explain the basic functions of the human immune system, including specific and nonspecific immune response, vaccines, and antibiotics.	Biology - Florida (2017) > Living Things and Their Environment > Human Body Systems and Homeostasis > Lymphoid System > Elaborate with STEM > STEM Project Starters page 1 > Project: Eating the Large Things	https://app.discoveryeducation.com/learn/techbook/units/6cc2c821-bab0-4bdd-8a36-e4ff66830003/concepts/263a3a54-5288-4c26-9624-2fccda3f00fb/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/b9c7fb46-e100-43cd-b720-dfc83501dbb0
SC.912.L.14.52	Explain the basic functions of the human immune system, including specific and nonspecific immune response, vaccines, and antibiotics.	Biology - Florida (2017) > Living Things and Their Environment > Human Body Systems and Homeostasis > Lymphoid System > Elaborate with STEM > STEM Project Starters page 1 > Project: Eating the Large Things	https://app.discoveryeducation.com/learn/techbook/units/6cc2c821-bab0-4bdd-8a36-e4ff66830003/concepts/263a3a54-5288-4c26-9624-2fccda3f00fb/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/b9c7fb46-e100-43cd-b720-dfc83501dbb0
SC.912.L.15.1:	Explain how the scientific theory of evolution is supported by the fossil record, comparative anatomy, comparative embryology, biogeography, molecular biology, and observed evolutionary change.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Diversity of Living Things > Evolution > Explore > Explore More Resources > Hands-On Lab: Recognizing Common Ancestors	https://app.discoveryeducation.com/player/view/assetGuid/b991b2c6-b384-438e-a61b-c4fd97dfac7e

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SC.912.L.15.1	Explain how the scientific theory of evolution is supported by the fossil record, comparative anatomy, comparative embryology, biogeography, molecular biology, and observed evolutionary change.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Diversity of Living Things > Evolution > Explore > Explore More Resources > Hands-On Activity: Explaining Evolutionary Processes	https://app.discoveryeducation.com/player/view/assetGuid/c86109b7-a4f8-4dfd-b5e8-f16a8197757f
SC.912.L.15.1	Explain how the scientific theory of evolution is supported by the fossil record, comparative anatomy, comparative embryology, biogeography, molecular biology, and observed evolutionary change.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Diversity of Living Things > Evolution > Explore > Core Interactive Text page 4	https://app.discoveryeducation.com/learn/techbook/units/7fb87a74-5dcf-46ac-80a9-74d99d61f576/concepts/cbc0ec75-8a5d-46c3-a964-6a52848dd57c/tabs/759da9a7-2edf-4cde-9515-7081ca990764/pages/4a3ae412-1d56-4ba9-9d03-f511aa3cf2b1
SC.912.L.15.4:	Describe how and why organisms are hierarchically classified and based on evolutionary relationships.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Diversity of Living Things > The History of Life on Earth > Explore > Explore More Resources > Hands-On Lab: Analyzing Biological Diversity, Extinction, and Evolution	https://app.discoveryeducation.com/player/view/assetGuid/cd6d3862-6806-4530-a315-ff89de0d3112
SC.912.L.15.4:	Describe how and why organisms are hierarchically classified and based on evolutionary relationships.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Diversity of Living Things > Classification > Explore > Explore More Resources > Exploration: Classification	https://app.discoveryeducation.com/player/view/assetGuid/35af1f57-4dd9-47b5-8db3-988b5a54e05c
SC.912.L.15.4:	Describe how and why organisms are hierarchically classified and based on evolutionary relationships.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Diversity of Living Things > Classification > Elaborate with STEM > STEM Project Starters page 1 > Project: Plant Classification	https://app.discoveryeducation.com/learn/techbook/units/7fb87a74-5dcf-46ac-80a9-74d99d61f576/concepts/1e8ea114-8e4d-45d0-ae10-acf7e122c6e1/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/28a3fb4d-1315-4b52-be62-919688ea27ac
SC.912.L.15.5:	Explain the reasons for changes in how organisms are classified.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Diversity of Living Things > Classification > Elaborate with STEM > STEM Project Starters page 2 > Project: Classifying Unknown Organisms	https://app.discoveryeducation.com/learn/techbook/units/7fb87a74-5dcf-46ac-80a9-74d99d61f576/concepts/1e8ea114-8e4d-45d0-ae10-acf7e122c6e1/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/d020f3dd-e901-4bd1-8335-96de17b6f6fe
SC.912.L.15.5:	Explain the reasons for changes in how organisms are classified.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Diversity of Living Things > Classification > Explore More resources>	https://app.discoveryeducation.com/learn/techbook/units/7fb87a74-5dcf-46ac-80a9-74d99d61f576/concepts/1e8ea114-8e4d-45d0-ae10-acf7e122c6e1/tabs/759da9a7-2edf-4cde-9515-7081ca990764/pages/2528f30b-5f9b-4793-a4b1-0cb3ac3c59d6
SC.912.L.15.6:	Discuss distinguishing characteristics of the domains and kingdoms of living organisms.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Diversity of Living Things > Classification > Explore > Explore More Resources > Reading Passage: Taxonomy: Classifying Organisms	https://app.discoveryeducation.com/player/view/assetGuid/c3dac46d-a8a0-42e2-b321-3240a291f62f
SC.912.L.15.6	Discuss distinguishing characteristics of the domains and kingdoms of living organisms.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Diversity of Living Things > Classification > Explore > Core Interactive Text page 2	https://app.discoveryeducation.com/learn/techbook/units/7fb87a74-5dcf-46ac-80a9-74d99d61f576/concepts/1e8ea114-8e4d-45d0-ae10-acf7e122c6e1/tabs/759da9a7-2edf-4cde-9515-7081ca990764/pages/7c5cf84d-8e03-441a-8d06-8838e817170c
SC.912.L.15.6	Discuss distinguishing characteristics of the domains and kingdoms of living organisms.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Diversity of Living Things > Classification > Explore > Core Interactive Text page 3	https://app.discoveryeducation.com/learn/techbook/units/7fb87a74-5dcf-46ac-80a9-74d99d61f576/concepts/1e8ea114-8e4d-45d0-ae10-acf7e122c6e1/tabs/759da9a7-2edf-4cde-9515-7081ca990764/pages/97dc1fce-a9ef-4b67-9a92-476dec712445

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SC.912.L.15.8:	Describe the scientific explanations of the origin of life on Earth.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Diversity of Living Things > The History of Life on Earth > Explore > Core Interactive Text page 1	https://app.discoveryeducation.com/learn/techbook/units/7fb87a74-5dcf-46ac-80a9-74d99d61f576/concepts/85ff425e-4d36-473c-b84a-1ea6cac22629/tabs/759da9a7-2edf-4cde-9515-7081ca990764
SC.912.L.15.8	Describe the scientific explanations of the origin of life on Earth.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Diversity of Living Things > The History of Life on Earth > Explore > Explore More Resources > Reading Passage: An Explosion of Life	https://app.discoveryeducation.com/player/view/assetGuid/0ce95cac-a337-4b38-9f2b-413f70c6517a
SC.912.L.15.8	Describe the scientific explanations of the origin of life on Earth.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Diversity of Living Things > The History of Life on Earth > Elaborate with STEM > STEM in Action: Applying Explanations for the History of Life on Earth	https://app.discoveryeducation.com/learn/techbook/units/7fb87a74-5dcf-46ac-80a9-74d99d61f576/concepts/85ff425e-4d36-473c-b84a-1ea6cac22629/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f
SC.912.L.15.10:	Identify basic trends in hominid evolution from early ancestors six million years ago to modern humans, including brain size, jaw size, language, and manufacture of tools.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Diversity of Living Things > Evolution > Explore > Explore More Resources > Hands-On Lab: Common Ancestry	https://app.discoveryeducation.com/player/view/assetGuid/ea9904f4-0095-4f58-af50-418cf3bf62c8
SC.912.L.15.13:	Describe the conditions required for natural selection, including: overproduction of offspring, inherited variation, and the struggle to survive, which result in differential reproductive success.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Diversity of Living Things > Evolution > Explore > Explore More Resources > Hands-On Activity: Bean Selection	https://app.discoveryeducation.com/player/view/assetGuid/a41f195d-3d93-4a40-a37b-b3e7b4da6c16
SC.912.L.15.13	Describe the conditions required for natural selection, including: overproduction of offspring, inherited variation, and the struggle to survive, which result in differential reproductive success.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Diversity of Living Things > Evolution > Explore > Explore More Resources > Hands-On Activity: Explaining Evolutionary Processes	https://app.discoveryeducation.com/player/view/assetGuid/c86109b7-a4f8-4dfd-b5e8-f16a8197757f
SC.912.L.15.13	Describe the conditions required for natural selection, including: overproduction of offspring, inherited variation, and the struggle to survive, which result in differential reproductive success.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Diversity of Living Things > Evolution > Explore > Explore More Resources > Hands-On Lab: The Evolution Game	https://app.discoveryeducation.com/player/view/assetGuid/fb9d997b-f52b-414a-97c7-32230095d688
SC.912.L.15.14:	Discuss mechanisms of evolutionary change other than natural selection such as genetic drift and gene flow.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Diversity of Living Things > Evolution > Explore > Core Interactive Text page 6	https://app.discoveryeducation.com/learn/techbook/units/7fb87a74-5dcf-46ac-80a9-74d99d61f576/concepts/cbc0ec75-8a5d-46c3-a964-6a52848dd57c/tabs/759da9a7-2edf-4cde-9515-7081ca990764/pages/4f4adb1c-5eb1-4f83-9a97-203691366a67
SC.912.L.15.14:	Discuss mechanisms of evolutionary change other than natural selection such as genetic drift and gene flow.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Diversity of Living Things > Evolution > Explore > Core Interactive Text page 6 > Assignment: Evolutionary Mechanisms	https://app.discoveryeducation.com/player/view/assetGuid/e45a7283-5c74-4be8-b255-157109d00603

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SC.912.L.15.14:	Discuss mechanisms of evolutionary change other than natural selection such as genetic drift and gene flow.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Diversity of Living Things > Evolution > Explore > Core Interactive Text page 6 > Assignment: Evolution Assignment: Analyzing and Evaluating the Effects of Gene Flow	https://app.discoveryeducation.com/player/view/assetGuid/0db87efa-cd92-4e50-bfeb-8f3d8c23bda0
SC.912.L.15.15:	Describe how mutation and genetic recombination increase genetic variation.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Reproduction and Heredity > Transcription and Translation > Explore > Explore More Resources > Hands-On Activity: Researching Genetic Traits	https://app.discoveryeducation.com/player/view/assetGuid/16df01a0-e3b5-4654-956a-c5d24a5aebd8
SC.912.L.15.15:	Describe how mutation and genetic recombination increase genetic variation.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Reproduction and Heredity > Transcription and Translation > Explore > Explore More Resources > Hands-On Lab: Variation and Distribution of Expressed Traits	https://app.discoveryeducation.com/player/view/assetGuid/94a1ce2c-c094-407b-b4e2-a86e0f5696f0
SC.912.L.16.1:	Use Mendel's laws of segregation and independent assortment to analyze patterns of inheritance.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Reproduction and Heredity > Genetics > Explore > Explore More Resources > Exploration: Genetics	https://app.discoveryeducation.com/player/view/assetGuid/7360c27e-da05-49c8-af35-e6efeb45719a
SC.912.L.16.1	Use Mendel's laws of segregation and independent assortment to analyze patterns of inheritance.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Reproduction and Heredity > Genetics > Explore > Explore More Resources > Hands-On Activity: Modeling Mendel's Laws	https://app.discoveryeducation.com/player/view/assetGuid/d5f1b0b7-6065-4ac3-b737-c7a5e63f0b89
SC.912.L.16.2:	Discuss observed inheritance patterns caused by various modes of inheritance, including dominant, recessive, dominant, sex-linked, polygenic, and multiple alleles.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Reproduction and Heredity > Genetics > Explore > Explore More Resources > Hands-On Activity: Dominant vs. Recessive in a Sample Population	https://app.discoveryeducation.com/player/view/assetGuid/e3c3a340-bce0-4280-b6a6-a05b2303fed9
SC.912.L.16.2:	Discuss observed inheritance patterns caused by various modes of inheritance, including dominant, recessive, dominant, sex-linked, polygenic, and multiple alleles.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Reproduction and Heredity > Genetics > Explore > Core Interactive Text page 5 > Activity: Dihybrid Cross	https://app.discoveryeducation.com/player/view/assetGuid/5a65880d-f98f-4b48-a633-fb1a7d47355e
SC.912.L.16.2:	Discuss observed inheritance patterns caused by various modes of inheritance, including dominant, recessive, dominant, sex-linked, polygenic, and multiple alleles.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Reproduction and Heredity > Genetics > Explore > Core Interactive Text page 6	https://app.discoveryeducation.com/learn/techbook/units/00ed1b9e-3bf0-49ef-a9f6-abf89f199a31/concepts/73dc8306-4604-4a7d-b430-ed7ad20140bd/tabs/759da9a7-2edf-4cde-9515-7081ca990764/pages/b6ed6799-6287-4fcd-ad52-77b9be4fe9e3
SC.912.L.16.3:	Describe the basic process of DNA replication and how it relates to the transmission and conservation of the genetic information.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Reproduction and Heredity > DNA > Explore > Core Interactive Text page 3	https://app.discoveryeducation.com/learn/techbook/units/00ed1b9e-3bf0-49ef-a9f6-abf89f199a31/concepts/bbc25049-845f-4474-a211-fa18a69d2f06/tabs/759da9a7-2edf-4cde-9515-7081ca990764/pages/c6cb657c-3a9d-4980-9cdc-8c917b07d1d0

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SC.912.L.16.3	Describe the basic process of DNA replication and how it relates to the transmission and conservation of the genetic information.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Reproduction and Heredity > DNA > Explore > Core Interactive Text page 3 > Assignment: DNA: Assignment 1: DNA Replication and the Cell Cycle	https://app.discoveryeducation.com/player/view/assetGuid/09a0de8c-6090-4650-b80c-03b8358ff270
SC.912.L.16.4:	Explain how mutations in the DNA sequence may or may not result in phenotypic change. Explain how mutations in gametes may result in phenotypic changes in offspring.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Reproduction and Heredity > Transcription and Translation > Explore > Explore More Resources > Hands-On Lab: Transcription and Translation	https://app.discoveryeducation.com/player/view/assetGuid/5ea802b8-818d-43fd-b685-cf244b19b67f
SC.912.L.16.4:	Explain how mutations in the DNA sequence may or may not result in phenotypic change. Explain how mutations in gametes may result in phenotypic changes in offspring.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Reproduction and Heredity > Transcription and Translation > Explore > Explore More Resources > Hands-On Lab: Variation and Distribution of Expressed Traits	https://app.discoveryeducation.com/player/view/assetGuid/94a1ce2c-c094-407b-b4e2-a86e0f5696f0
SC.912.L.16.4:	Explain how mutations in the DNA sequence may or may not result in phenotypic change. Explain how mutations in gametes may result in phenotypic changes in offspring.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Reproduction and Heredity > Transcription and Translation > Explore > Core Interactive Text page 6	https://app.discoveryeducation.com/learn/techbook/units/00ed1b9e-3bf0-49ef-a9f6-abf89f199a31/concepts/44b47450-05dd-4f74-9717-8787d4fa056d/tabs/759da9a7-2edf-4cde-9515-7081ca990764/pages/b7ab18c0-8cac-460c-ba3f-c295a2014c85
SC.912.L.16.5:	Explain the basic processes of transcription and translation, and how they result in the expression of genes.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Reproduction and Heredity > Transcription and Translation > Explore > Explore More Resources > Exploration: Translation	https://app.discoveryeducation.com/player/view/assetGuid/7c8dda3f-2298-485a-a479-d6b082ec5615
SC.912.L.16.5:	Explain the basic processes of transcription and translation, and how they result in the expression of genes.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Reproduction and Heredity > Transcription and Translation > Explore > Explore More Resources > Hands-On Lab: Transcription and Translation	https://app.discoveryeducation.com/player/view/assetGuid/5ea802b8-818d-43fd-b685-cf244b19b67f
SC.912.L.16.5:	Explain the basic processes of transcription and translation, and how they result in the expression of genes.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Reproduction and Heredity > Transcription and Translation > Explore > Explore More Resources > Reading Passage: The Five Discoveries of RNA Polymerase	https://app.discoveryeducation.com/player/view/assetGuid/ab17258f-528d-478e-879e-328d4695f217
SC.912.L.16.8:	Explain the relationship between mutation, cell cycle, and uncontrolled cell growth potentially resulting in cancer.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Cell Processes > Cell Division > Explore > Core Interactive Text page 5	https://app.discoveryeducation.com/learn/techbook/units/3c8a528c-88fd-4378-a0a3-ac4a97b4109f/concepts/a0ef4097-e03b-4dc6-98f6-9324b2422199/tabs/759da9a7-2edf-4cde-9515-7081ca990764/pages/d018c5fc-58fd-4172-8d76-4f26b9bfe9ed
SC.912.L.16.8	Explain the relationship between mutation, cell cycle, and uncontrolled cell growth potentially resulting in cancer.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Cell Processes > Cell Division > Elaborate with STEM > STEM in Action: Applying Cell Division	https://app.discoveryeducation.com/learn/techbook/units/3c8a528c-88fd-4378-a0a3-ac4a97b4109f/concepts/a0ef4097-e03b-4dc6-98f6-9324b2422199/tabs/054d49d8-d8f5-4203-b276-19e25b56cc6f

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SC.912.L.16.9:	Explain how and why the genetic code is universal and is common to almost all organisms.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Diversity of Living Things > The History of Life on Earth > Explore > Core Interactive Text page 1	https://app.discoveryeducation.com/learn/techbook/units/7fb87a74-5dcf-46ac-80a9-74d99d61f576/concepts/85ff425e-4d36-473c-b84a-1ea6cac22629/tabs/759da9a7-2edf-4cde-9515-7081ca990764
SC.912.L.16.10:	Evaluate the impact of biotechnology on the individual, society and the environment, including medical and ethical issues.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Reproduction and Heredity > Genetic Disorders and Technology > Elaborate with STEM > STEM Project Starters page 1 > Project: Gene Therapy Research	https://app.discoveryeducation.com/learn/techbook/units/00ed1b9e-3bf0-49ef-a9f6-abf89f199a31/concepts/9becb599-d9f9-41b4-ad3d-127de3bd3703/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/f4543a66-c06e-474e-9461-b91d5a4e7148
SC.912.L.16.10	Evaluate the impact of biotechnology on the individual, society and the environment, including medical and ethical issues.	Biology - Florida (2017) > Living Things and Their Environment > Plant Growth and Development > Plant Reproduction > Elaborate with STEM > STEM in Action: Applying Plant Reproduction	https://app.discoveryeducation.com/learn/techbook/units/51712483-7aa2-4561-9fee-f56766420ee8/concepts/33254bc8-8616-40dc-b392-19feddcf7e2c/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/4d918bac-70ff-40d3-a950-71d3cfebebdb
SC.912.L.16.10	Evaluate the impact of biotechnology on the individual, society and the environment, including medical and ethical issues.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Reproduction and Heredity > Genetics > Elaborate with STEM > STEM Project Starters page 2 > Project: Frankenfood Alert	https://app.discoveryeducation.com/learn/techbook/units/00ed1b9e-3bf0-49ef-a9f6-abf89f199a31/concepts/73dc8306-4604-4a7d-b430-ed7ad20140bd/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/ea405697-1360-435b-a0e9-f6972bf5ba1d
SC.912.L.16.13:	Describe the basic anatomy and physiology of the human reproductive system. Describe the process of human development from fertilization to birth and major changes that occur in each trimester of pregnancy.	Biology - Florida (2017) > Living Things and Their Environment > Human Body Systems and Homeostasis > Reproductive System > Explore > Explore More Resources > Exploration: Reproductive System	https://app.discoveryeducation.com/player/view/assetGuid/dfc3e3cb-aa22-4a35-8afe-904d6bc911d2
SC.912.L.16.13	Describe the basic anatomy and physiology of the human reproductive system. Describe the process of human development from fertilization to birth and major changes that occur in each trimester of pregnancy.	Biology - Florida (2017) > Living Things and Their Environment > Human Body Systems and Homeostasis > Reproductive System > Explore > Core Interactive Text page 1	https://app.discoveryeducation.com/learn/techbook/units/6cc2c821-bab0-4bdd-8a36-e4ff66830003/concepts/4748bec3-e879-4cae-bee2-8202f27ed4ee/tabs/759da9a7-2edf-4cde-9515-7081ca990764
SC.912.L.16.13	Describe the basic anatomy and physiology of the human reproductive system. Describe the process of human development from fertilization to birth and major changes that occur in each trimester of pregnancy.	Biology - Florida (2017) > Living Things and Their Environment > Human Body Systems and Homeostasis > Reproductive System > Explore > Core Interactive Text page 2	https://app.discoveryeducation.com/learn/techbook/units/6cc2c821-bab0-4bdd-8a36-e4ff66830003/concepts/4748bec3-e879-4cae-bee2-8202f27ed4ee/tabs/759da9a7-2edf-4cde-9515-7081ca990764/pages/cd15eb5e-ebb7-461c-becb-f3c8d7a6054a

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SC.912.L.16.14:	Describe the cell cycle, including the process of mitosis. Explain the role of mitosis in the formation of new cells and its importance in maintaining chromosome number during asexual reproduction.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Cell Processes > Cell Division > Explore > Explore More Resources > Exploration: Cell Division	https://app.discoveryeducation.com/player/view/assetGuid/d470b916-3729-4f84-bc54-5cf85eb5e305
SC.912.L.16.14:	Describe the cell cycle, including the process of mitosis. Explain the role of mitosis in the formation of new cells and its importance in maintaining chromosome number during asexual reproduction.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Cell Processes > Cell Division > Explore > Explore More Resources > Hands-On Lab: Observing Mitosis	https://app.discoveryeducation.com/player/view/assetGuid/bfd36fc5-8470-46e4-bf69-c5507e804332
SC.912.L.16.14:	Describe the cell cycle, including the process of mitosis. Explain the role of mitosis in the formation of new cells and its importance in maintaining chromosome number during asexual reproduction.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Cell Processes > Cell Division > Explore > Core Interactive Text page 4	https://app.discoveryeducation.com/learn/techbook/units/3c8a528c-88fd-4378-a0a3-ac4a97b4109f/concepts/a0ef4097-e03b-4dc6-98f6-9324b2422199/tabs/759da9a7-2edf-4cde-9515-7081ca990764/pages/8a3b3e99-2df0-4e1b-8ab7-9a7a4584bbe3
SC.912.L.16.14:	Describe the cell cycle, including the process of mitosis. Explain the role of mitosis in the formation of new cells and its importance in maintaining chromosome number during asexual reproduction.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Cell Processes > Cell Division > Explore > Explore More Resources > Hands-On Lab: The Role of Mitosis	https://app.discoveryeducation.com/player/view/assetGuid/80997b9c-72e2-4795-9b22-5a63353593f6
SC.912.L.16.16:	Describe the process of meiosis, including independent assortment and crossing over. Explain how reduction division results in the formation of haploid gametes or spores.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Cell Processes > Asexual and Sexual Reproduction > Explore > Explore More Resources > Exploration: Asexual and Sexual Reproduction	https://app.discoveryeducation.com/player/view/assetGuid/5d590c8c-9b3d-4236-9e29-a3efa0dbfa60
SC.912.L.16.16:	Describe the process of meiosis, including independent assortment and crossing over. Explain how reduction division results in the formation of haploid gametes or spores.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Cell Processes > Asexual and Sexual Reproduction > Explore > Core Interactive Text page 3	https://app.discoveryeducation.com/learn/techbook/units/00ed1b9e-3bf0-49ef-a9f6-abf89f199a31/concepts/f961acb6-eedb-4a97-8a26-77f5754dfe09/tabs/759da9a7-2edf-4cde-9515-7081ca990764/pages/60c916f8-91b9-4280-8eb8-a23982853155
	Describe the process of meiosis, including independent assortment and crossing over. Explain how reduction division results in the formation of haploid gametes or spores.	Biology - Florida (2017) > Living Things and Their Environment > Plant Growth and Development > Plant Reproduction > Explore > Core Interactive Text > p1	https://app.discoveryeducation.com/learn/techbook/units/51712483-7aa2-4561-9fee-f56766420ee8/concepts/33254bc8-8616-40dc-b392-19feddcf7e2c/tabs/759da9a7-2edf-4cde-9515-7081ca990764

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SC.912.L.16.17:	Compare and contrast mitosis and meiosis and relate to the processes of sexual and asexual reproduction and their consequences for genetic variation.	Biology - Florida (2017) > Living Things and Their Environment > Plant Growth and Development > Plant Reproduction > Explore > t > p1	https://app.discoveryeducation.com/learn/techbook/units/51712483-7aa2-4561-9fee-f56766420ee8/concepts/33254bc8-8616-40dc-b392-19feddcf7e2c/tabs/759da9a7-2edf-4cde-9515-7081ca990764
SC.912.L.16.17:	Compare and contrast mitosis and meiosis and relate to the processes of sexual and asexual reproduction and their consequences for genetic variation.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Cell Processes > Asexual and Sexual Reproduction > Explore > Core Interactive Text page 4	https://app.discoveryeducation.com/learn/techbook/units/00ed1b9e-3bf0-49ef-a9f6-abf89f199a31/concepts/f961acb6-eeeb-4a97-8a26-77f5754dfe09/tabs/759da9a7-2edf-4cde-9515-7081ca990764/pages/b4c1f510-b7a8-45e5-b468-b1cdafb319f4
SC.912.L.16.17	Compare and contrast mitosis and meiosis and relate to the processes of sexual and asexual reproduction and their consequences for genetic variation.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Cell Processes > Asexual and Sexual Reproduction > Explore > Explore More Resources > Exploration: Asexual and Sexual Reproduction	https://app.discoveryeducation.com/player/view/assetGuid/5d590c8c-9b3d-4236-9e29-a3efa0dbfa60
SC.912.L.17.2:	Explain the general distribution of life in aquatic systems as a function of chemistry, geography, light, depth, salinity, and temperature.	Biology - Florida (2017) > Living Things and Their Environment > Ecology > Aquatic Biomes > Explore > Core Interactive Text page 3	https://app.discoveryeducation.com/learn/techbook/units/997c33d6-d599-4613-a88c-2a9f53e8e03e/concepts/361e8f26-b268-47db-8198-c717dfda692b/tabs/759da9a7-2edf-4cde-9515-7081ca990764/pages/1685ec43-c898-4371-8bfa-c2444874b8be
SC.912.L.17.2:	Explain the general distribution of life in aquatic systems as a function of chemistry, geography, light, depth, salinity, and temperature.	Biology - Florida (2017) > Living Things and Their Environment > Ecology > Aquatic Biomes > Explore > Core Interactive Text page 3 > Assignment: Life in the Deep Ocean	https://app.discoveryeducation.com/player/view/assetGuid/4EADB5AC-F486-44A7-8386-9E8577C98471
SC.912.L.17.4:	Describe changes in ecosystems resulting from seasonal variations, climate change and succession.	Biology - Florida (2017) > Living Things and Their Environment > Ecology > Ecosystems > Explore > Core Interactive Text page 3 > Succession	https://app.discoveryeducation.com/learn/techbook/units/997c33d6-d599-4613-a88c-2a9f53e8e03e/concepts/d9b8d0e2-aa99-4d7d-9ce0-901e4d186394/tabs/759da9a7-2edf-4cde-9515-7081ca990764/pages/34664ff6-149d-468a-83f6-8802cf9d1c24
SC.912.L.17.4:	Describe changes in ecosystems resulting from seasonal variations, climate change and succession.	Biology - Florida (2017) > Living Things and Their Environment > Ecology > Ecosystems > Explore > Explore More Resources > Reading Passage: Changes in Ecosystems	https://app.discoveryeducation.com/player/view/assetGuid/e59aa410-b73c-4602-b16b-0daea96693f4
SC.912.L.17.5:	Analyze how population size is determined by births, deaths, immigration, emigration, and limiting factors (biotic and abiotic) that determine carrying capacity.	Biology - Florida (2017) > Living Things and Their Environment > Ecology > Describing Populations > Explore > Explore More Resources > Exploration: Describing Populations	https://app.discoveryeducation.com/player/view/assetGuid/1703a6ab-f99b-4a29-a222-645f6f20ae32
SC.912.L.17.5	Analyze how population size is determined by births, deaths, immigration, emigration, and limiting factors (biotic and abiotic) that determine carrying capacity.	Biology - Florida (2017) > Living Things and Their Environment > Ecology > Describing Populations > Explore > Explore More Resources > Hands-On Activity: Carrying Capacity	https://app.discoveryeducation.com/player/view/assetGuid/488101ca-5bfb-46c3-ae9c-14598fb37f10

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SC.912.L.17.5	Analyze how population size is determined by births, deaths, immigration, emigration, and limiting factors (biotic and abiotic) that determine carrying capacity.	Biology - Florida (2017) > Living Things and Their Environment > Ecology > Describing Populations > Explore > Core Interactive Text page 1	https://app.discoveryeducation.com/learn/techbook/units/997c33d6-d599-4613-a88c-2a9f53e8e03e/concepts/7717541e-ad0e-452e-801e-5c8d13ef09f5/tabs/759da9a7-2edf-4cde-9515-7081ca990764
SC.912.L.17.8:	Recognize the consequences of the losses of biodiversity due to catastrophic events, climate changes, human activity, and the introduction of invasive, non-native species.	Biology - Florida (2017) > Living Things and Their Environment > Ecology > Ecosystems > Explore > Explore More Resources > Hands-On Activity: Investigating Adverse Impacts of Human Activity on Biodiversity	https://app.discoveryeducation.com/player/view/assetGuid/afc1125f-0950-4071-b491-4322fa821ae3
SC.912.L.17.8:	Recognize the consequences of the losses of biodiversity due to catastrophic events, climate changes, human activity, and the introduction of invasive, non-native species.	Biology - Florida (2017) > Living Things and Their Environment > Ecology > Describing Populations > Elaborate with STEM > STEM Project Starters page 2 > Project: Burmese Pythons Living in Florida?	https://app.discoveryeducation.com/learn/techbook/units/997c33d6-d599-4613-a88c-2a9f53e8e03e/concepts/7717541e-ad0e-452e-801e-5c8d13ef09f5/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/cb473355-628b-47e2-8bb3-0f8a31eb710d
SC.912.L.17.8:	Recognize the consequences of the losses of biodiversity due to catastrophic events, climate changes, human activity, and the introduction of invasive, non-native species.	Biology - Florida (2017) > Living Things and Their Environment > Ecology > Ecosystems > Explore > Core Interactive Text page 5	https://app.discoveryeducation.com/learn/techbook/units/997c33d6-d599-4613-a88c-2a9f53e8e03e/concepts/d9b8d0e2-aa99-4d7d-9ce0-901e4d186394/tabs/759da9a7-2edf-4cde-9515-7081ca990764/pages/8fe839b2-659f-4c90-9749-84590ebf537c
SC.912.L.17.9:	Use a food web to identify and distinguish producers, consumers, and decomposers. Explain the pathway of energy transfer through trophic levels and the reduction of available energy at successive trophic levels.	Biology - Florida (2017) > Living Things and Their Environment > Ecology > Ecosystems > Explore > Explore More Resources > Hands-On Activity: Food Webs and Trophic Levels	https://app.discoveryeducation.com/player/view/assetGuid/9682fde2-b576-4ce7-bfa9-bd9ff5280201
SC.912.L.17.9	Use a food web to identify and distinguish producers, consumers, and decomposers. Explain the pathway of energy transfer through trophic levels and the reduction of available energy at successive trophic levels.	Biology - Florida (2017) > Living Things and Their Environment > Ecology > Ecosystems > Elaborate with STEM > STEM Project Starters page 2 > Project: Tertiary or Secondary Consumer?	https://app.discoveryeducation.com/learn/techbook/units/997c33d6-d599-4613-a88c-2a9f53e8e03e/concepts/d9b8d0e2-aa99-4d7d-9ce0-901e4d186394/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/1bb2f48d-e66f-4254-9260-ec48e942a79d
SC.912.L.17.9	Use a food web to identify and distinguish producers, consumers, and decomposers. Explain the pathway of energy transfer through trophic levels and the reduction of available energy at successive trophic levels.	Biology - Florida (2017) > Living Things and Their Environment > Ecology > Ecosystems > Explore > Core Interactive Text page 2	https://app.discoveryeducation.com/learn/techbook/units/997c33d6-d599-4613-a88c-2a9f53e8e03e/concepts/d9b8d0e2-aa99-4d7d-9ce0-901e4d186394/tabs/759da9a7-2edf-4cde-9515-7081ca990764/pages/3fada13a-1ba8-47b2-b97f-aec90cd63a8a

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SC.912.L.17.11:	Evaluate the costs and benefits of renewable and nonrenewable resources, such as water, energy, fossil fuels, wildlife, and forests.	Biology - Florida (2017) > Living Things and Their Environment > Ecology > Nutrient Cycles > Elaborate with STEM > STEM Project Starter page 2: Contrasting Fuel Types	https://app.discoveryeducation.com/learn/techbook/units/997c33d6-d599-4613-a88c-2a9f53e8e03e/concepts/606ace30-779b-4ccd-b606-a5f619033742/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/c52e98b5-904b-463c-afe5-33e9eddc169
SC.912.L.17.13:	Discuss the need for adequate monitoring of environmental parameters when making policy decisions.	Biology - Florida (2017) > Living Things and Their Environment > Ecology > Ecosystems > Elaborate with STEM > STEM in Action: Applying Ecosystems	https://app.discoveryeducation.com/learn/techbook/units/997c33d6-d599-4613-a88c-2a9f53e8e03e/concepts/d9b8d0e2-aa99-4d7d-9ce0-901e4d186394/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/49e326cc-c7a2-4d21-9e77-714d22baae48
SC.912.L.17.13:	Discuss the need for adequate monitoring of environmental parameters when making policy decisions.	Biology - Florida (2017) > Introduction to Biology > Energy and Life > Photosynthesis > Explore > Explore More Resources > Reading Passage: News from the Carbon Wars	https://app.discoveryeducation.com/player/view/assetGuid/c3bfff3d-8523-4bdc-90a5-46dd5f818b89
SC.912.L.17.13:	Discuss the need for adequate monitoring of environmental parameters when making policy decisions.	Biology - Florida (2017) > Living Things and Their Environment > Ecology > Ecosystems > Elaborate > STEM Project Starters page 1 > Project Summer Swimming	https://app.discoveryeducation.com/learn/techbook/units/997c33d6-d599-4613-a88c-2a9f53e8e03e/concepts/d9b8d0e2-aa99-4d7d-9ce0-901e4d186394/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/54302518-e9a1-4bc9-ad05-5fd7adaee334
SC.912.L.17.20:	Predict the impact of individuals on environmental systems and examine how human lifestyles affect sustainability.	Biology - Florida (2017) > Living Things and Their Environment > Ecology > Terrestrial Biomes > Elaborate with STEM > STEM in Action: Applying Terrestrial Biomes	https://app.discoveryeducation.com/learn/techbook/units/997c33d6-d599-4613-a88c-2a9f53e8e03e/concepts/f6a7f830-edd8-43d3-b70e-b5b128bc05d4/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/3fdf3e1b-0608-4953-a3ef-52d039196e59
SC.912.L.17.20:	Predict the impact of individuals on environmental systems and examine how human lifestyles affect sustainability.	Biology - Florida (2017) > Living Things and Their Environment > Ecology > Ecosystems > Explore > Explore More Resources > Hands-On Activity: Investigating Adverse Impacts of Human Activity on Biodiversity	https://app.discoveryeducation.com/player/view/assetGuid/afc1125f-0950-4071-b491-4322fa821ae3
SC.912.L.17.20:	Predict the impact of individuals on environmental systems and examine how human lifestyles affect sustainability.	Biology - Florida (2017) > Living Things and Their Environment > Ecology > Ecosystems > Elaborate > STEM Project Starters page 1 > Project Summer Swimming	https://app.discoveryeducation.com/learn/techbook/units/997c33d6-d599-4613-a88c-2a9f53e8e03e/concepts/d9b8d0e2-aa99-4d7d-9ce0-901e4d186394/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/54302518-e9a1-4bc9-ad05-5fd7adaee334
SC.912.L.18.1:	Describe the basic molecular structures and primary functions of the four major categories of biological macromolecules.	Biology - Florida (2017) > Introduction to Biology > The Chemistry of Living Things > The Chemistry of Life > Explore > Core Interactive Text page 2	https://app.discoveryeducation.com/learn/techbook/units/a5270955-1d94-4e4d-a81c-afac35aa9b7b/concepts/d3677bf6-287e-4bed-a89b-400b79300db9/tabs/759da9a7-2edf-4cde-9515-7081ca990764/pages/0169c15f-844c-445a-81de-c818dae8c924
SC.912.L.18.7:	Identify the reactants, products, and basic functions of photosynthesis.	Biology - Florida (2017) > Introduction to Biology > Energy and Life > Photosynthesis > Explore > Core Interactive Text page 1	https://app.discoveryeducation.com/learn/techbook/units/5280d092-0fd6-4a89-8fb6-93b67089ff37/concepts/35d90fa2-9bb0-4c06-ad34-03121cd9f7e2/tabs/759da9a7-2edf-4cde-9515-7081ca990764
SC.912.L.18.7:	Identify the reactants, products, and basic functions of photosynthesis.	Biology - Florida (2017) > Introduction to Biology > Energy and Life > Photosynthesis > Explore > Explore More Resources > Exploration: Photosynthesis	https://app.discoveryeducation.com/player/view/assetGuid/b891d48d-e91a-4d81-b578-c262cb97697d
SC.912.L.18.7:	Identify the reactants, products, and basic functions of photosynthesis.	Biology - Florida (2017) > Introduction to Biology > Energy and Life > Photosynthesis > Explore > Explore More Resources > Hands-On Lab: Photosynthesis	https://app.discoveryeducation.com/player/view/assetGuid/ad9419f2-fcad-41ef-b9e9-e5b3907c607d
SC.912.L.18.8:	Identify the reactants, products, and basic functions of aerobic and anaerobic cellular respiration.	Biology - Florida (2017) > Introduction to Biology > Energy and Life > Cellular Respiration > Explore > Core Interactive Text page 1	https://app.discoveryeducation.com/learn/techbook/units/5280d092-0fd6-4a89-8fb6-93b67089ff37/concepts/feff5843-d05f-435d-bda1-246995565ab3/tabs/759da9a7-2edf-4cde-9515-7081ca990764

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SC.912.L.18.8:	Identify the reactants, products, and basic functions of aerobic and anaerobic cellular respiration.	Biology - Florida (2017) > Introduction to Biology > Energy and Life > Cellular Respiration > Explore > Explore More Resources > Exploration: Cellular Respiration	https://app.discoveryeducation.com/player/view/assetGuid/4fdaf1bd-dd63-4b36-84ed-fecba1e0e0fd
SC.912.L.18.9:	Explain the interrelated nature of photosynthesis and cellular respiration.	Biology - Florida (2017) > Introduction to Biology > Energy and Life > Photosynthesis > Explore > Explore More Resources > Hands-On Lab: Measuring Plant Respiration and Photosynthesis	https://app.discoveryeducation.com/player/view/assetGuid/7e3f2c30-729f-4e2d-92f0-5487df0bd977
SC.912.L.18.9	Explain the interrelated nature of photosynthesis and cellular respiration.	Biology - Florida (2017) > Introduction to Biology > Energy and Life > Photosynthesis > Explore > Core Interactive Text page 1	https://app.discoveryeducation.com/learn/techbook/units/5280d092-0fd6-4a89-8fb6-93b67089ff37/concepts/35d90fa2-9bb0-4c06-ad34-03121cd9f7e2/tabs/759da9a7-2edf-4cde-9515-7081ca990764
SC.912.L.18.9	Explain the interrelated nature of photosynthesis and cellular respiration.	Biology - Florida (2017) > Introduction to Biology > Energy and Life > Photosynthesis > Explore > Core Interactive Text page 1 > Assignment: Photosynthesis: Assignment 4: Photosynthesis and Cellular Respiration	https://app.discoveryeducation.com/player/view/assetGuid/765bc31f-d77c-471b-b7a8-6f3ebb577208
SC.912.L.18.10:	Connect the role of adenosine triphosphate (ATP) to energy transfers within a cell.	Biology - Florida (2017) > Introduction to Biology > The Chemistry of Living Things > The Chemistry of Life > Explore > Core Interactive Text page 4	https://app.discoveryeducation.com/learn/techbook/units/a5270955-1d94-4e4d-a81c-afac35aa9b7b/concepts/d3677bf6-287e-4bed-a89b-400b79300db9/tabs/759da9a7-2edf-4cde-9515-7081ca990764/pages/d6261180-f21f-4fc1-8d4c-a36cfe633b44
SC.912.L.18.11:	Explain the role of enzymes as catalysts that lower the activation energy of biochemical reactions. Identify factors, such as pH and temperature, and their effect on enzyme activity.	Biology - Florida (2017) > Introduction to Biology > The Chemistry of Living Things > The Chemistry of Life > Explore > Core Interactive Text page 3 > Assignment: Check for Understanding: Enzymes	https://app.discoveryeducation.com/player/view/assetGuid/05524a82-c605-4c27-a850-f25911b7c89c
SC.912.L.18.12	Discuss the special properties of water that contribute to Earth's suitability as an environment for life: cohesive behavior, ability to moderate temperature, expansion upon freezing, and versatility as a solvent.	Biology - Florida (2017) > Introduction to Biology > The Chemistry of Living Things > The Chemistry of Life > Explore > Explore More Resources > Reading Passage: Water and Life.	https://app.discoveryeducation.com/player/view/assetGuid/eb1640cd-16ef-4d83-8eb8-c3b698d4c3ea
SC.912.N.1.1:	Define a problem based on a specific body of knowledge, for example: biology, chemistry, physics, and earth/space science, and do the following:	Biology - Florida (2017) > Living Things and Their Environment > Human Body Systems and Homeostasis > Nervous System > Explore > Explore More Resources > Hands-On Lab: Reflex, Reaction, and Sensation	https://app.discoveryeducation.com/player/view/assetGuid/10fbd041-65b1-4577-b976-87284ba14324
SC.912.N.1.1	Define a problem based on a specific body of knowledge, for example: biology, chemistry, physics, and earth/space science, and do the following:	Biology - Florida (2017) > Living Things and Their Environment > Ecology > Aquatic Biomes > Elaborate > STEM Project Starter 2: A Floating Dump	https://app.discoveryeducation.com/learn/techbook/units/997c33d6-d599-4613-a88c-2a9f53e8e03e/concepts/361e8f26-b268-47db-8198-c717dfa692b/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/30d88ae2-88ee-4603-ad4c-88aea71d1879

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SC.912.N.1.3:	Recognize that the strength or usefulness of a scientific claim is evaluated through scientific argumentation, which depends on critical and logical thinking, and the active consideration of alternative scientific explanations to explain the data presented.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Diversity of Living Things > Evolution > Elaborate with STEM > STEM Project Starters page 1 > Project: Natural Selection and the Peppered Moths	https://app.discoveryeducation.com/learn/techbook/units/7fb87a74-5dcf-46ac-80a9-74d99d61f576/concepts/cbc0ec75-8a5d-46c3-a964-6a52848dd57c/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/bdd494b7-e5ff-41cb-875d-f11ca96b34f3
SC.912.N.1.3	Recognize that the strength or usefulness of a scientific claim is evaluated through scientific argumentation, which depends on critical and logical thinking, and the active consideration of alternative scientific explanations to explain the data presented.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Diversity of Living Things > The History of Life on Earth > Explore > Explore More Resources > Reading Passage: An Explosion of Life	https://app.discoveryeducation.com/player/view/assetGuid/0ce95cac-a337-4b38-9f2b-413f70c6517a
SC.912.N.1.4:	Identify sources of information and assess their reliability according to the strict standards of scientific investigation.	Biology - Florida (2017) > Living Things and Their Environment > Human Body Systems and Homeostasis > Cardiovascular System > Elaborate with STEM > STEM Project Starters page 2 > Project: The Heart as a Pump	https://app.discoveryeducation.com/learn/techbook/units/6cc2c821-bab0-4bdd-8a36-e4ff66830003/concepts/63bee321-a716-4c60-9d84-52ebc8f713af/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/8f6aab5f-8343-4b82-97ad-4dce78c62e0f
SC.912.N.1.4	Identify sources of information and assess their reliability according to the strict standards of scientific investigation.	Biology - Florida (2017) > Living Things and Their Environment > Human Body Systems and Homeostasis > Lymphoid System > Elaborate > STEM Project Starters > TBD	TBD
SC.912.N.1.4	Identify sources of information and assess their reliability according to the strict standards of scientific investigation.	Biology - Florida (2017) > Living Things and Their Environment > Human Body Systems and Homeostasis > Nervous System > Elaborate with STEM > STEM Project Starters page 2 > Project: Addictive Substances	https://app.discoveryeducation.com/learn/techbook/units/6cc2c821-bab0-4bdd-8a36-e4ff66830003/concepts/3a4e6fc8-d116-45f7-a9f9-80164ddb5da/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/b2adddb5-7803-482c-bda5-7e93ef0be7cc
SC.912.N.1.6:	Describe how scientific inferences are drawn from scientific observations and provide examples from the content being studied.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Cell Processes > Cell Structure and Function > Core Interactive Text page 1 > Reading Passage: Through the Looking Glass: The Cell Theory	https://app.discoveryeducation.com/player/view/assetGuid/b8de8f45-808d-4f47-aaa8-22be6b04a3ef
SC.912.N.1.6	Describe how scientific inferences are drawn from scientific observations and provide examples from the content being studied.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Reproduction and Heredity > Transcription and Translation > Explore > Explore More Resources > Hands-On Activity: Nature Versus Nurture	https://app.discoveryeducation.com/player/view/assetGuid/2240c61d-8613-4f84-8fa5-d4f5a0053774
SC.912.N.1.6	Describe how scientific inferences are drawn from scientific observations and provide examples from the content being studied.	Biology - Florida (2017) > Introduction to Biology > Energy and Life > Cellular Respiration > Explore > Explore More Resources > Hands-On Lab: Aerobic vs. Anaerobic Respiration	https://app.discoveryeducation.com/player/view/assetGuid/02d8ef96-e9fa-434c-8fb4-b97e1a153c6e

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SC.912.N.2.1:	Identify what is science, what clearly is not science, and what superficially resembles science (but fails to meet the criteria for science).	Biology - Florida (2017) > Introduction to Biology > The Process of Science > Using Scientific Methods > Explore More Resources > Reading Passage: Phrenology: Science or Pseudoscience?	https://app.discoveryeducation.com/player/view/assetGuid/71bf813e-6bc1-45db-bd74-993ec44c4375
SC.912.N.2.2:	Identify which questions can be answered through science and which questions are outside the boundaries of scientific investigation, such as questions addressed by other ways of knowing, such as art, philosophy, and religion.	Biology - Florida (2017) > Introduction to Biology > The Process of Science > Using Scientific Methods > Engage	https://app.discoveryeducation.com/learn/techbook/units/8284FBAF-59F0-4799-8FDB-72CEA8FA484C/concepts/AD7D080D-3EA8-44C0-907F-9F1050A283E2
SC.912.N.3.1:	Explain that a scientific theory is the culmination of many scientific investigations drawing together all the current evidence concerning a substantial range of phenomena; thus, a scientific theory represents the most powerful explanation scientists have to offer.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Cell Processes > Cell Structure and Function > Core Interactive Text page 1 > Reading Passage: Through the Looking Glass: The Cell Theory	https://app.discoveryeducation.com/player/view/assetGuid/b8de8f45-808d-4f47-aaa8-22be6b04a3ef
SC.912.N.3.1	Explain that a scientific theory is the culmination of many scientific investigations drawing together all the current evidence concerning a substantial range of phenomena; thus, a scientific theory represents the most powerful explanation scientists have to offer.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Diversity of Living Things > Evolution > Explore > Explore More Resources > Hands-On Lab: Recognizing Common Ancestors	https://app.discoveryeducation.com/player/view/assetGuid/b991b2c6-b384-438e-a61b-c4fd97dfac7e
SC.912.N.3.1	Explain that a scientific theory is the culmination of many scientific investigations drawing together all	Biology - Florida (2017) > Cells, Heredity, and Diversity > Cell Processes > Asexual and Sexual Reproduction > Explore > Explore More Resources > Reading Passage: A Case of the	https://app.discoveryeducation.com/player/view/assetGuid/8c72b7a6-8a3c-46b8-9bd9-a83380efdc8b
SC.912.N.3.4:	Recognize that theories do not become laws, nor do laws become theories; theories are well supported explanations and laws are well supported descriptions.	Biology - Florida (2017) > Introduction to Biology > Process of Science > Using Scientific Methods > Explore > p8	https://app.discoveryeducation.com/learn/techbook/units/8284fbaf-59f0-4799-8fdb-72cea8fa484c/concepts/ad7d080d-3ea8-44c0-907f-9f1050a283e2/tabs/759da9a7-2edf-4cde-9515-7081ca990764/pages/d46f3999-c767-4167-bdc8-5ca3de8599ff
LAFS.910.RST.1.1:	Cite specific textual evidence to support analysis of science and technical texts, attending to the precise details of explanations or descriptions.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Diversity of Living Things > The History of Life on Earth > Core Interactive Text page 1 > Assignment: How Cells Have Changed	https://app.discoveryeducation.com/player/view/assetGuid/feac9f38-6113-4947-acbb-cee0ce7a7287

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LAFS.910.RST.1.1:	Cite specific textual evidence to support analysis of science and technical texts, attending to the precise details of explanations or descriptions.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Reproduction and Heredity > DNA > Explore > Explore More Resources > Reading Passage: Milestones in DNA Research	https://app.discoveryeducation.com/player/view/assetGuid/e431a3ca-c5ad-4b88-96a3-e01eeb9a1db5
LAFS.910.RST.1.1:	Cite specific textual evidence to support analysis of science and technical texts, attending to the precise details of explanations or descriptions.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Reproduction and Heredity > Transcription and Translation > Explore > Explore More Resources > Hands-On Activity: Nature Versus Nurture	https://app.discoveryeducation.com/player/view/assetGuid/2240c61d-8613-4f84-8fa5-d4f5a0053774
LAFS.910.RST.1.2:	Determine the central ideas or conclusions of a text; trace the text's explanation or depiction of a complex process, phenomenon, or concept; provide an accurate summary of the text.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Reproduction and Heredity > DNA > Explore > Explore More Resources > Reading Passage: Milestones in DNA Research	https://app.discoveryeducation.com/player/view/assetGuid/e431a3ca-c5ad-4b88-96a3-e01eeb9a1db5
LAFS.910.RST.1.2:	Determine the central ideas or conclusions of a text; trace the text's explanation or depiction of a complex process, phenomenon, or concept; provide an accurate summary of the text.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Reproduction and Heredity > Genetic Engineering > Explore > Explore More Resources > Reading Passage: Using Technology to Solve Real-World Problems: Feeding the World	https://app.discoveryeducation.com/player/view/assetGuid/6487d688-5083-41e9-abec-73256e731587
LAFS.910.RST.1.2:	Determine the central ideas or conclusions of a text; trace the text's explanation or depiction of a complex process, phenomenon, or concept; provide an accurate summary of the text.	Biology - Florida (2017) > Living Things and Their Environment > Ecology > Aquatic Biomes > Elaborate > STEM Project Starter: A Floating Dump	https://app.discoveryeducation.com/learn/techbook/units/997c33d6-d599-4613-a88c-2a9f53e8e03e/concepts/361e8f26-b268-47db-8198-c717dfda692b/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/30d88ae2-88ee-4603-ad4c-88aea71d1879
LAFS.910.RST.1.3:	Follow precisely a complex multistep procedure when carrying out experiments, taking measurements, or performing technical tasks, attending to special cases or exceptions defined in the text.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Reproduction and Heredity > Transcription and Translation > Explore > Explore More Resources > Hands-On Lab: Transcription and Translation	https://app.discoveryeducation.com/player/view/assetGuid/5ea802b8-818d-43fd-b685-cf244b19b67f
LAFS.910.RST.1.3:	Follow precisely a complex multistep procedure when carrying out experiments, taking measurements, or performing technical tasks, attending to special cases or exceptions defined in the text.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Reproduction and Heredity > Genetic Engineering > Explore > Explore More Resources > Hands-On Lab: Transformation of <i>E. coli</i> Bacteria	https://app.discoveryeducation.com/player/view/assetGuid/352a2756-3b9b-40c5-bbf5-6ce5cd31a249

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LAFS.910.RST.1.3:	Follow precisely a complex multistep procedure when carrying out experiments, taking measurements, or performing technical tasks, attending to special cases or exceptions defined in the text.	Biology - Florida (2017) > Living Things and Their Environment > Plant Growth and Development > Plant Reproduction > Explore > Explore More Resources > Hands-On Lab: Plant Growth and Light	https://app.discoveryeducation.com/player/view/assetGuid/d354f4d5-3b9a-4d2c-b8ad-408fa4c2ba9b
LAFS.910.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 9–10 texts and topics.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Diversity of Living Things > Classification > Explore > Explore More Resources > Reading Passage: Taxonomy: Classifying Organisms	https://app.discoveryeducation.com/player/view/assetGuid/c3dac46d-a8a0-42e2-b321-3240a291f62f
LAFS.910.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 9–10 texts and topics.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Reproduction and Heredity > Asexual and Sexual Reproduction > Explore > Explore More Resources > Reading Passage: A Case of the Missing Germ Cell Chromosomes	https://app.discoveryeducation.com/player/view/assetGuid/8c72b7a6-8a3c-46b8-9bd9-a83380efdc8b
LAFS.910.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 9–10 texts and topics.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Reproduction and Heredity > Genetic Engineering > Explore > Explore More Resources > Reading Passage: Using Technology to Solve Real-World Problems: Feeding the World	https://app.discoveryeducation.com/player/view/assetGuid/6487d688-5083-41e9-abec-73256e731587
LAFS.910.RST.2.5:	Analyze the structure of the relationships among concepts in a text, including relationships among key terms (e.g., force, friction,	Biology - Florida (2017) > Cells, Heredity, and Diversity > Diversity of Living Things > Evolution > Explore > Explore More Resources > Reading Passage: Hotspots for Adaptation	https://app.discoveryeducation.com/player/view/assetGuid/627d5a4d-8cb3-402f-9969-28d2e916f3ad
LAFS.910.RST.2.5:	Analyze the structure of the relationships among concepts in a text, including relationships among key terms (e.g., force, friction, reaction force, energy).	Biology - Florida (2017) > Living Things and Their Environment > Plant Growth and Development > Plant Form and Function > Explore > Explore More Resources > Reading Passage: Complexity from Simplicity	https://app.discoveryeducation.com/player/view/assetGuid/385e6420-8c56-4499-8dd3-23db72807824
LAFS.910.RST.2.5:	Analyze the structure of the relationships among concepts in a text, including relationships among key terms (e.g., force, friction, reaction force, energy).	Biology - Florida (2017) > Cells, Heredity, and Diversity > Diversity of Living Things > Classification > Explore > Explore More Resources > Reading Passage: Taxonomy: Classifying Organisms	https://app.discoveryeducation.com/player/view/assetGuid/c3dac46d-a8a0-42e2-b321-3240a291f62f
LAFS.910.RST.2.6:	Analyze the author's purpose in providing an explanation, describing a procedure, or discussing an experiment in a text, defining the question the author seeks to address.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Reproduction and Heredity > DNA > Explore > Explore More Resources > Reading Passage: Milestones in DNA Research	https://app.discoveryeducation.com/player/view/assetGuid/e431a3ca-c5ad-4b88-96a3-e01eeb9a1db5

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LAFS.910.RST.2.6:	Analyze the author's purpose in providing an explanation, describing a procedure, or discussing an experiment in a text, defining the question the author seeks to address.	Biology - Florida (2017) > Living Things and Their Environment > Plant Growth and Development > Plant Form and Function > Explore > Explore More Resources > Reading Passage: Complexity from Simplicity.	https://app.discoveryeducation.com/player/view/assetGuid/385e6420-8c56-4499-8dd3-23db72807824
LAFS.910.RST.2.6:	Analyze the author's purpose in providing an explanation, describing a procedure, or discussing an experiment in a text, defining the question the author seeks to address.	Biology - Florida (2017) > Introduction to Biology > The Chemistry of Living Things > The Chemistry of Life > Explore > Explore More Resources > Reading Passage: ATP: Doing Double Duty	https://app.discoveryeducation.com/player/view/assetGuid/2b89d39b-9787-48c4-aada-686afb044ab
LAFS.910.RST.3.7:	Translate quantitative or technical information expressed in words in a text into visual form (e.g., a table or chart) and translate information expressed visually or mathematically (e.g., in an equation) into words.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Diversity of Living Things > Evolution > Explore > Explore More Resources > Hands-On Lab: Common Ancestry	https://app.discoveryeducation.com/player/view/assetGuid/ea9904f4-0095-4f58-af50-418cf3bf62c8
LAFS.910.RST.3.7:	Translate quantitative or technical information expressed in words in a text into visual form (e.g., a table or chart) and translate information expressed visually or mathematically (e.g., in an equation) into words.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Reproduction and Heredity > Genetic Engineering > Explore > Explore More Resources > Hands-On Lab: Transformation of <i>E. coli</i> Bacteria	https://app.discoveryeducation.com/player/view/assetGuid/352a2756-3b9b-40c5-bbf5-6ce5cd31a249
LAFS.910.RST.3.7:	Translate quantitative or technical information expressed in words in a text into visual form (e.g., a table or chart) and translate information expressed visually or mathematically (e.g., in an equation) into words.	Biology - Florida (2017) > Living Things and Their Environment > Human Body Systems and Homeostasis > Nervous System > Elaborate with STEM > STEM Project Starters page 2 > Project: Addictive Substances	https://app.discoveryeducation.com/learn/techbook/units/6cc2c821-bab0-4bdd-8a36-e4ff66830003/concepts/3a4e6fc8-d116-45f7-a9f9-80164ddb5da/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/b2adddb5-7803-482c-bda5-7e93ef0be7cc
LAFS.910.RST.3.8:	Assess the extent to which the reasoning and evidence in a text support the author's claim or a recommendation for solving a scientific or technical problem.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Reproduction and Heredity > Genetics > Elaborate with STEM > STEM Project Starters page 2 > Project: Frankenfood Alert	https://app.discoveryeducation.com/learn/techbook/units/00ed1b9e-3bf0-49ef-a9f6-abf89f199a31/concepts/73dc8306-4604-4a7d-b430-ed7ad20140bd/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/ea405697-1360-435b-a0e9-f6972bf5ba1d
LAFS.910.RST.3.8:	Assess the extent to which the reasoning and evidence in a text support the author's claim or a recommendation for solving a scientific or technical problem.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Cell Processes > Cell Division > Explore > Explore More Resources > Reading Passage: Letter to the Editor: Against Stem Cell Use	https://app.discoveryeducation.com/player/view/assetGuid/52f89625-433d-4de8-ae8c-08412240cce6
LAFS.910.RST.3.8:	Assess the extent to which the reasoning and evidence in a text support the author's claim or a recommendation for solving a scientific or technical problem.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Cell Processes > Cell Division > Explore > Explore More Resources > Reading Passage: Letter to the Editor: For Stem Cell Use	https://app.discoveryeducation.com/player/view/assetGuid/fa4276f9-4ad8-4cb3-9b21-ba7d1b318c58

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LAFS.910.RST.3.9:	Compare and contrast findings presented in a text to those from other sources (including their own experiments), noting when the findings support or contradict previous explanations or accounts.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Diversity of Living Things > Evolution > Elaborate with STEM > STEM Project Starters page 1 > Project: Natural Selection and the Peppered Moths	https://app.discoveryeducation.com/learn/techbook/units/7fb87a74-5dcf-46ac-80a9-74d99d61f576/concepts/cbc0ec75-8a5d-46c3-a964-6a52848dd57c/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/bdd494b7-e5ff-41cb-875d-f11ca96b34f3
LAFS.910.RST.4.10 :	By the end of grade 10, read and comprehend science/technical texts in the grades 9–10 text complexity band independently and proficiently.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Cell Processes > Cell Structure and Function > Core Interactive Text page 1 > Reading Passage: Through the Looking Glass: The Cell Theory	https://app.discoveryeducation.com/player/view/assetGuid/b8de8f45-808d-4f47-aaa8-22be6b04a3ef
LAFS.910.RST.4.10 :	By the end of grade 10, read and comprehend science/technical texts in the grades 9–10 text complexity band independently and proficiently.	Biology - Florida (2017) > Living Things and Their Environment > Plant Growth and Development > Plant Form and Function > Explore > Explore More Resources > Reading Passage: Complexity from Simplicity	https://app.discoveryeducation.com/player/view/assetGuid/385e6420-8c56-4499-8dd3-23db72807824
LAFS.910.RST.4.10 :	By the end of grade 10, read and comprehend science/technical texts in the grades 9–10 text complexity band independently and proficiently.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Reproduction and Heredity > Genetic Engineering > Explore > Explore More Resources > Reading Passage: Using Technology to Solve Real-World Problems: Feeding the World	https://app.discoveryeducation.com/player/view/assetGuid/6487d688-5083-41e9-abec-73256e731587
LAFS.910.SL.1.1:	Initiate and participate effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grades 9–10 topics, texts, and issues, building on others’ ideas and expressing their own clearly and persuasively.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Diversity of Living Things > The History of Life on Earth > Elaborate with STEM > STEM in Action: Applying Explanations for the History of Life on Earth	https://app.discoveryeducation.com/learn/techbook/units/7fb87a74-5dcf-46ac-80a9-74d99d61f576/concepts/85ff425e-4d36-473c-b84a-1ea6cac22629/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f
LAFS.910.SL.1.1:	a. Come to discussions prepared, having read and researched material under study; explicitly draw on that preparation by referring to evidence from texts and other research on the topic or issue to stimulate a thoughtful, well-reasoned exchange of ideas.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Reproduction and Heredity > Genetic Disorders and Technology > Elaborate with STEM > STEM Project Starters page 1 > Project: Gene Therapy Research	https://app.discoveryeducation.com/learn/techbook/units/00ed1b9e-3bf0-49ef-a9f6-abf89f199a31/concepts/9becb599-d9f9-41b4-ad3d-127de3bd3703/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/f4543a66-c06e-474e-9461-b91d5a4e7148

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LAFS.910.SL.1.1:	b. Work with peers to set rules for collegial discussions and decision-making (e.g., informal consensus, taking votes on key issues, presentation of alternate views), clear goals and deadlines, and individual roles as needed.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Reproduction and Heredity > Genetic Disorders and Technology > Elaborate with STEM > STEM Project Starters page 1 > Project: Gene Therapy Research	https://app.discoveryeducation.com/learn/techbook/units/00ed1b9e-3bf0-49ef-a9f6-abf89f199a31/concepts/9becb599-d9f9-41b4-ad3d-127de3bd3703/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/f4543a66-c06e-474e-9461-b91d5a4e7148
LAFS.910.SL.1.1:	c. Propel conversations by posing and responding to questions that relate the current discussion to broader themes or larger ideas; actively incorporate others into the discussion; and clarify, verify, or challenge ideas and conclusions.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Reproduction and Heredity > Genetic Disorders and Technology > Elaborate with STEM > STEM Project Starters page 1 > Project: Gene Therapy Research	https://app.discoveryeducation.com/learn/techbook/units/00ed1b9e-3bf0-49ef-a9f6-abf89f199a31/concepts/9becb599-d9f9-41b4-ad3d-127de3bd3703/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/f4543a66-c06e-474e-9461-b91d5a4e7148
LAFS.910.SL.1.1:	d. Respond thoughtfully to diverse perspectives, summarize points of agreement and disagreement, and, when warranted, qualify or justify their own views and understanding and make new connections in light of the evidence and reasoning presented.	Biology - Florida (2017) > Living Things and Their Environment > Human Body Systems and Homeostasis > Lymphoid System > Elaborate > STEM Project Starters > Vaccines and Autism	https://app.discoveryeducation.com/learn/techbook/units/6cc2c821-bab0-4bdd-8a36-e4ff66830003/concepts/263a3a54-5288-4c26-9624-2fccda3f00fb/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/425ae1ab-0bc0-49da-82bf-463677b381d9
LAFS.910.SL.1.1	Initiate and participate effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grades 9–10 topics, texts, and issues, building on others’ ideas and expressing their own clearly and persuasively.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Reproduction and Heredity > Genetic Disorders and Technology > Elaborate with STEM > STEM Project Starters page 1 > Project: Gene Therapy Research	https://app.discoveryeducation.com/learn/techbook/units/00ed1b9e-3bf0-49ef-a9f6-abf89f199a31/concepts/9becb599-d9f9-41b4-ad3d-127de3bd3703/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/f4543a66-c06e-474e-9461-b91d5a4e7148

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LAFS.910.SL.1.1	Initiate and participate effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grades 9–10 topics, texts, and issues, building on others’ ideas and expressing their own clearly and persuasively.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Reproduction and Heredity > Transcription and Translation > Explore > Explore More Resources > Hands-On Activity: Nature Versus Nurture	https://app.discoveryeducation.com/player/view/assetGuid/2240c61d-8613-4f84-8fa5-d4f5a0053774
LAFS.910.SL.1.2:	Integrate multiple sources of information presented in diverse media or formats (e.g., visually, quantitatively, orally) evaluating the credibility and accuracy of each source.	Biology - Florida (2017) > Introduction to Biology > Energy and Life > Photosynthesis > Elaborate with STEM > STEM in Action: Applying Photosynthesis	https://app.discoveryeducation.com/learn/techbook/units/5280d092-0fd6-4a89-8fb6-93b67089ff37/concepts/35d90fa2-9bb0-4c06-ad34-03121cd9f7e2/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f
LAFS.910.SL.1.2:	Integrate multiple sources of information presented in diverse media or formats (e.g., visually, quantitatively, orally) evaluating the credibility and accuracy of each source.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Diversity of Living Things > The History of Life on Earth > Core Interactive Text page 1 > Assignment: How Cells Have Changed	https://app.discoveryeducation.com/player/view/assetGuid/feac9f38-6113-4947-acbb-cee0ce7a7287
LAFS.910.SL.1.2:	Integrate multiple sources of information presented in diverse media or formats (e.g., visually, quantitatively, orally) evaluating the credibility and accuracy of each source.	Biology - Florida (2017) > Living Things and Their Environment > Ecology > Aquatic Biomes > Explore > Core Interactive Text page 3 > Assignment: Life in the Deep Ocean	https://app.discoveryeducation.com/player/view/assetGuid/4EADB5AC-F486-44A7-8386-9E8577C98471
LAFS.910.SL.1.3:	Evaluate a speaker’s point of view, reasoning, and use of evidence and rhetoric, identifying any fallacious reasoning or exaggerated or distorted evidence.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Reproduction and Heredity > Genetics > Elaborate with STEM > STEM Project Starters page 2 > Project: Frankenfood Alert	https://app.discoveryeducation.com/learn/techbook/units/00ed1b9e-3bf0-49ef-a9f6-abf89f199a31/concepts/73dc8306-4604-4a7d-b430-ed7ad20140bd/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/ea405697-1360-435b-a0e9-f6972bf5ba1d
LAFS.910.SL.1.3:	Evaluate a speaker’s point of view, reasoning, and use of evidence and rhetoric, identifying any fallacious reasoning or exaggerated or distorted evidence.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Cell Processes > Cell Division > Explore > Explore More Resources > Reading Passage: Letter to the Editor: Against Stem Cell Use	https://app.discoveryeducation.com/player/view/assetGuid/52f89625-433d-4de8-ae8c-08412240cce6
LAFS.910.SL.1.3:	Evaluate a speaker’s point of view, reasoning, and use of evidence and rhetoric, identifying any fallacious reasoning or exaggerated or distorted evidence.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Cell Processes > Cell Division > Explore > Explore More Resources > Reading Passage: Letter to the Editor: For Stem Cell Use	https://app.discoveryeducation.com/player/view/assetGuid/fa4276f9-4ad8-4cb3-9b21-ba7d1b318c58

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LAFS.910.SL.2.4:	Present information, findings, and supporting evidence clearly, concisely, and logically such that listeners can follow the line of reasoning and the organization, development, substance, and style are appropriate to purpose, audience, and task.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Reproduction and Heredity > Genetic Disorders and Technology > Elaborate with STEM > STEM Project Starters page 1 > Project: Gene Therapy Research	https://app.discoveryeducation.com/learn/techbook/units/00ed1b9e-3bf0-49ef-a9f6-abf89f199a31/concepts/9becb599-d9f9-41b4-ad3d-127de3bd3703/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/f4543a66-c06e-474e-9461-b91d5a4e7148
LAFS.910.SL.2.4:	Present information, findings, and supporting evidence clearly, concisely, and logically such that listeners can follow the line of reasoning and the organization, development, substance, and style are appropriate to purpose, audience, and task.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Reproduction and Heredity > Genetics > Elaborate with STEM > STEM Project Starters page 2 > Project: Frankenfood Alert	https://app.discoveryeducation.com/learn/techbook/units/00ed1b9e-3bf0-49ef-a9f6-abf89f199a31/concepts/73dc8306-4604-4a7d-b430-ed7ad20140bd/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/ea405697-1360-435b-a0e9-f6972bf5ba1d
LAFS.910.SL.2.4:	Present information, findings, and supporting evidence clearly, concisely, and logically such that listeners can follow the line of reasoning and the organization, development, substance, and style are appropriate to purpose, audience, and task.	Biology - Florida (2017) > Introduction to Biology > Energy and Life > Photosynthesis > Elaborate with STEM > STEM in Action: Applying Photosynthesis	https://app.discoveryeducation.com/learn/techbook/units/5280d092-0fd6-4a89-8fb6-93b67089ff37/concepts/35d90fa2-9bb0-4c06-ad34-03121cd9f7e2/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f
LAFS.910.SL.2.5:	Make strategic use of digital media (e.g., textual, graphical, audio, visual, and interactive elements) in presentations to enhance understanding of findings, reasoning, and evidence and to add interest.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Reproduction and Heredity > Genetics > Elaborate with STEM > STEM Project Starters page 2 > Project: Frankenfood Alert	https://app.discoveryeducation.com/learn/techbook/units/00ed1b9e-3bf0-49ef-a9f6-abf89f199a31/concepts/73dc8306-4604-4a7d-b430-ed7ad20140bd/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/ea405697-1360-435b-a0e9-f6972bf5ba1d
LAFS.910.WHST.1.1:	Write arguments focused on <i>discipline-specific content</i> .	Biology - Florida (2017) > Cells, Heredity, and Diversity > Reproduction and Heredity > Genetic Disorders and Technology > Elaborate with STEM > STEM Project Starters page 1 > Project: Gene Therapy Research	https://app.discoveryeducation.com/learn/techbook/units/00ed1b9e-3bf0-49ef-a9f6-abf89f199a31/concepts/9becb599-d9f9-41b4-ad3d-127de3bd3703/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/f4543a66-c06e-474e-9461-b91d5a4e7148
LAFS.910.WHST.1.1:	a. Introduce precise claim(s), distinguish the claim(s) from alternate or opposing claims, and create an organization that establishes clear relationships among the claim(s), counterclaims, reasons, and evidence.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Diversity of Living Things > Evolution > Explain	https://app.discoveryeducation.com/learn/techbook/units/7fb87a74-5dcf-46ac-80a9-74d99d61f576/concepts/cbc0ec75-8a5d-46c3-a964-6a52848dd57c/tabs/0df56444-5400-41eb-a6ce-de52b7efb950

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LAFS.910.WHST.1.1:	b. Develop claim(s) and counterclaims fairly, supplying data and evidence for each while pointing out the strengths and limitations of both claim(s) and counterclaims in a discipline-appropriate form and in a manner that anticipates the audience's knowledge level and concerns.	Biology - Florida (2017) > Living Things and Their Environment > Human Body Systems and Homeostasis > Cardiovascular System > Explain	https://app.discoveryeducation.com/learn/techbook/units/6cc2c821-bab0-4bdd-8a36-e4ff66830003/concepts/63bee321-a716-4c60-9d84-52ebc8f713af/tabs/0df56444-5400-41eb-a6ce-de52b7efb950
LAFS.910.WHST.1.1:	c. Use words, phrases, and clauses to link the major sections of the text, create cohesion, and clarify the relationships between claim(s) and reasons, between reasons and evidence, and between claim(s) and counterclaims.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Diversity of Living Things > Evolution > Explain	https://app.discoveryeducation.com/learn/techbook/units/7fb87a74-5dcf-46ac-80a9-74d99d61f576/concepts/cbc0ec75-8a5d-46c3-a964-6a52848dd57c/tabs/0df56444-5400-41eb-a6ce-de52b7efb950
LAFS.910.WHST.1.1:	e. Provide a concluding statement or section that follows from or supports the argument presented.	Biology - Florida (2017) > Living Things and Their Environment > Ecology > Ecosystems > Explore > Explore More Resources > Hands-On Lab: How Does Trampling Impact Plant Species Composition, Diversity, and Percentage Cover?	https://app.discoveryeducation.com/player/view/assetGuid/3C25B4F3-8FD9-44B0-824B-E0965D7B3589
LAFS.910.WHST.1.1:	Write arguments focused on <i>discipline-specific content</i> .	Biology - Florida (2017) > Cells, Heredity, and Diversity > Reproduction and Heredity > Genetics > Elaborate with STEM > STEM Project Starters page 2 > Project: Frankenfood Alert	https://app.discoveryeducation.com/learn/techbook/units/00ed1b9e-3bf0-49ef-a9f6-abf89f199a31/concepts/73dc8306-4604-4a7d-b430-ed7ad20140bd/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/ea405697-1360-435b-a0e9-f6972bf5ba1d
LAFS.910.WHST.1.1:	Write arguments focused on <i>discipline-specific content</i> .	Biology - Florida (2017) > Introduction to Biology > Energy and Life > Photosynthesis > Elaborate with STEM > STEM in Action: Applying Photosynthesis	https://app.discoveryeducation.com/learn/techbook/units/5280d092-0fd6-4a89-8fb6-93b67089ff37/concepts/35d90fa2-9bb0-4c06-ad34-03121cd9f7e2/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f
LAFS.910.WHST.1.2:	Write informative/explanatory texts, including the narration of historical events, scientific procedures/ experiments, or technical processes.	Biology - Florida (2017) > Living Things and Their Environment > Plant Growth and Development > Plant Reproduction > Elaborate with STEM > STEM Project Starters page 1 > Project: Conditional Plant Growth	https://app.discoveryeducation.com/learn/techbook/units/51712483-7aa2-4561-9fee-f56766420ee8/concepts/33254bc8-8616-40dc-b392-19feddcf7e2c/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/a68f23d1-86c4-4b03-8f55-b4bb1e52824c
LAFS.910.WHST.1.2:	a. Introduce a topic and organize ideas, concepts, and information to make important connections and distinctions; include formatting (e.g., headings), graphics (e.g., figures, tables), and multimedia when useful to aiding comprehension.	Biology - Florida (2017) > Living Things and Their Environment > Ecology > Ecosystems > Elaborate > STEM Project Starters page 1 > Project Summer Swimming	https://app.discoveryeducation.com/learn/techbook/units/997c33d6-d599-4613-a88c-2a9f53e8e03e/concepts/d9b8d0e2-aa99-4d7d-9ce0-901e4d186394/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/54302518-e9a1-4bc9-ad05-5fd7adaee334

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LAFS.910.WHST.1.2:	a. Introduce a topic and organize ideas, concepts, and information to make important connections and distinctions; include formatting (e.g., headings), graphics (e.g., figures, tables), and multimedia when useful to aiding comprehension.	Biology - Florida (2017) > Living Things and Their Environment > Plant Growth and Development > Plant Reproduction > Elaborate > STEM Project Starters page 1 > Project: Conditional Plant Growth	https://app.discoveryeducation.com/learn/techbook/units/51712483-7aa2-4561-9fee-f56766420ee8/concepts/33254bc8-8616-40dc-b392-19feddcf7e2c/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/a68f23d1-86c4-4b03-8f55-b4bb1e52824c
LAFS.910.WHST.1.2:	b. Develop the topic with well-chosen, relevant, and sufficient facts, extended definitions, concrete details, quotations, or other information and examples appropriate to the audience's knowledge of the topic.	Biology - Florida (2017) > Living Things and Their Environment > Plant Growth and Development > Plant Form and Function > Explain > Scientific Explanation > Explain Question > Teacher Guide	https://gtm-media.discoveryeducation.com/videos/DSC/data/pdfs/SciExplan_TG_FINAL_AG.pdf
LAFS.910.WHST.1.2:	d. Use precise language and domain-specific vocabulary to manage the complexity of the topic and convey a style appropriate to the discipline and context as well as to the expertise of likely readers.	Biology - Florida (2017) > Living Things and Their Environment > Plant Growth and Development > Plant Form and Function > Explain > Scientific Explanation > Explain Question > Teacher Guide	https://gtm-media.discoveryeducation.com/videos/DSC/data/pdfs/SciExplan_TG_FINAL_AG.pdf
LAFS.910.WHST.1.2:	d. Use precise language and domain-specific vocabulary to manage the complexity of the topic and convey a style appropriate to the discipline and context as well as to the expertise of likely readers.	Biology - Florida (2017) > Living Things and Their Environment > Plant Growth and Development > Plant Reproduction > Elaborate > STEM Project Starters page 2 > Project: Find a Candidate Transgene	https://app.discoveryeducation.com/learn/techbook/units/51712483-7aa2-4561-9fee-f56766420ee8/concepts/33254bc8-8616-40dc-b392-19feddcf7e2c/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/848156e0-5be8-4381-a18a-a878e2a03f6a
LAFS.910.WHST.1.2	Write informative/explanatory texts, including the narration of historical events, scientific procedures/ experiments, or technical processes.	Biology - Florida (2017) > Living Things and Their Environment > Human Body Systems and Homeostasis > Nervous System > Elaborate with STEM > STEM Project Starters page 2 > Project: Addictive Substances	https://app.discoveryeducation.com/learn/techbook/units/6cc2c821-bab0-4bdd-8a36-e4ff66830003/concepts/3a4e6fc8-d116-45f7-a9f9-80164ddb5da/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/b2adddb5-7803-482c-bda5-7e93ef0be7cc
LAFS.910.WHST.1.2	Write informative/explanatory texts, including the narration of historical events, scientific procedures/ experiments, or technical processes.	Biology - Florida (2017) > Introduction to Biology > The Chemistry of Living Things > The Chemistry of Life > Elaborate with STEM > STEM Project Starters page 1 > Project: For Lack of an Enzyme	https://app.discoveryeducation.com/learn/techbook/units/a5270955-1d94-4e4d-a81c-afac35aa9b7b/concepts/d3677bf6-287e-4bed-a89b-400b79300db9/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/377f50c8-7ab1-45c6-8bd5-0c541705b68b
LAFS.910.WHST.2.4:	Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience.	Biology - Florida (2017) > Living Things and Their Environment > Plant Growth and Development > Plant Reproduction > Elaborate with STEM > STEM Project Starters page 1 > Project: Conditional Plant Growth	https://app.discoveryeducation.com/learn/techbook/units/51712483-7aa2-4561-9fee-f56766420ee8/concepts/33254bc8-8616-40dc-b392-19feddcf7e2c/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/a68f23d1-86c4-4b03-8f55-b4bb1e52824c

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LAFS.910.WHST.2.4:	Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Reproduction and Heredity > Genetic Disorders and Technology > Elaborate with STEM > STEM Project Starters page 1 > Project: Gene Therapy Research	https://app.discoveryeducation.com/learn/techbook/units/00ed1b9e-3bf0-49ef-a9f6-abf89f199a31/concepts/9becb599-d9f9-41b4-ad3d-127de3bd3703/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/f4543a66-c06e-474e-9461-b91d5a4e7148
LAFS.910.WHST.2.4:	Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience.	Biology - Florida (2017) > Living Things and Their Environment > Human Body Systems and Homeostasis > Nervous System > Elaborate with STEM > STEM Project Starters page 2 > Project: Addictive Substances	https://app.discoveryeducation.com/learn/techbook/units/6cc2c821-bab0-4bdd-8a36-e4ff66830003/concepts/3a4e6fc8-d116-45f7-a9f9-80164ddb5da/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/b2adddb5-7803-482c-bda5-7e93ef0be7cc
LAFS.910.WHST.2.5:	Develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach, focusing on addressing what is most significant for a specific purpose and audience.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Reproduction and Heredity > Genetic Disorders and Technology > Elaborate with STEM > STEM Project Starters page 1 > Project: Gene Therapy Research	https://app.discoveryeducation.com/learn/techbook/units/00ed1b9e-3bf0-49ef-a9f6-abf89f199a31/concepts/9becb599-d9f9-41b4-ad3d-127de3bd3703/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/f4543a66-c06e-474e-9461-b91d5a4e7148
LAFS.910.WHST.2.5:	Develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach, focusing on addressing what is most significant for a specific purpose and audience.	Biology - Florida (2017) > Living Things and Their Environment > Human Body Systems and Homeostasis > Nervous System > Elaborate with STEM > STEM Project Starters page 2 > Project: Addictive Substances	https://app.discoveryeducation.com/learn/techbook/units/6cc2c821-bab0-4bdd-8a36-e4ff66830003/concepts/3a4e6fc8-d116-45f7-a9f9-80164ddb5da/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/b2adddb5-7803-482c-bda5-7e93ef0be7cc
LAFS.910.WHST.2.5:	Develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach, focusing on addressing what is most significant for a specific purpose and audience.	Biology - Florida (2017) > Introduction to Biology > The Chemistry of Living Things > The Chemistry of Life > Elaborate with STEM > STEM Project Starters page 1 > Project: For Lack of an Enzyme	https://app.discoveryeducation.com/learn/techbook/units/a5270955-1d94-4e4d-a81c-afac35aa9b7b/concepts/d3677bf6-287e-4bed-a89b-400b79300db9/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/377f50c8-7ab1-45c6-8bd5-0c541705b68b
LAFS.910.WHST.2.6:	Use technology, including the Internet, to produce, publish, and update individual or shared writing products, taking advantage of technology's capacity to link to other information and to display information flexibly and dynamically.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Reproduction and Heredity > Genetic Disorders and Technology > Elaborate with STEM > STEM Project Starters page 1 > Project: Gene Therapy Research	https://app.discoveryeducation.com/learn/techbook/units/00ed1b9e-3bf0-49ef-a9f6-abf89f199a31/concepts/9becb599-d9f9-41b4-ad3d-127de3bd3703/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/f4543a66-c06e-474e-9461-b91d5a4e7148

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LAFS.910.WHST.2.6:	Use technology, including the Internet, to produce, publish, and update individual or shared writing products, taking advantage of technology's capacity to link to other information and to display information flexibly and dynamically.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Reproduction and Heredity > Genetics > Elaborate with STEM > STEM Project Starters page 2 > Project: Frankenfood Alert	https://app.discoveryeducation.com/learn/techbook/units/00ed1b9e-3bf0-49ef-a9f6-abf89f199a31/concepts/73dc8306-4604-4a7d-b430-ed7ad20140bd/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/ea405697-1360-435b-a0e9-f6972bf5ba1d
LAFS.910.WHST.2.6:	Use technology, including the Internet, to produce, publish, and update individual or shared writing products, taking advantage of technology's capacity to link to other information and to display information flexibly and dynamically.	Biology - Florida (2017) > Living Things and Their Environment > Ecology > Describing Populations > Elaborate with STEM > STEM Project Starters page 1 > Project: Carrying Capacity and Population Technology	https://app.discoveryeducation.com/learn/techbook/units/997c33d6-d599-4613-a88c-2a9f53e8e03e/concepts/7717541e-ad0e-452e-801e-5c8d13ef09f5/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/578be789-90f2-4eff-828b-c10e732b2ce3
LAFS.910.WHST.3.7:	Conduct short as well as more sustained research projects to answer a question (including a self-generated question) or solve a problem; narrow or broaden the inquiry when appropriate; synthesize multiple sources on the subject, demonstrating understanding of the subject under investigation.	Biology - Florida (2017) > Living Things and Their Environment > Plant Growth and Development > Plant Form and Function > Elaborate with STEM > STEM Project Starters page 3 > Project: Race to the Top	https://app.discoveryeducation.com/player/view/assetGuid/B30D5344-A802-42D0-B6C8-2BB93E1E3DE5
LAFS.910.WHST.3.7:	Conduct short as well as more sustained research projects to answer a question (including a self-generated question) or solve a problem; narrow or broaden the inquiry when appropriate; synthesize multiple sources on the subject, demonstrating understanding of the subject under investigation.	Biology - Florida (2017) > Living Things and Their Environment > Plant Growth and Development > Plant Reproduction > Elaborate with STEM > STEM Project Starters page 1 > Project: Conditional Plant Growth	https://app.discoveryeducation.com/learn/techbook/units/51712483-7aa2-4561-9fee-f56766420ee8/concepts/33254bc8-8616-40dc-b392-19feddcf7e2c/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/a68f23d1-86c4-4b03-8f55-b4bb1e52824c

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LAFS.910.WHST.3.7:	Conduct short as well as more sustained research projects to answer a question (including a self-generated question) or solve a problem; narrow or broaden the inquiry when appropriate; synthesize multiple sources on the subject, demonstrating understanding of the subject under investigation.	Biology - Florida (2017) > Living Things and Their Environment > Ecology > Describing Populations > Elaborate with STEM > STEM Project Starters page 1 > Project: Carrying Capacity and Population Technology	https://app.discoveryeducation.com/learn/techbook/units/997c33d6-d599-4613-a88c-2a9f53e8e03e/concepts/7717541e-ad0e-452e-801e-5c8d13ef09f5/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/578be789-90f2-4eff-828b-c10e732b2ce3
LAFS.910.WHST.3.8:	Gather relevant information from multiple authoritative print and digital sources, using advanced searches effectively; assess the usefulness of each source in answering the research question; integrate information into the text selectively to maintain the flow of ideas, avoiding plagiarism and following a standard format for citation.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Diversity of Living Things > Evolution > Explore > Explore More Resources > Hands-On Activity: Explaining Evolutionary Processes	https://app.discoveryeducation.com/player/view/assetGuid/c86109b7-a4f8-4dfd-b5e8-f16a8197757f
LAFS.910.WHST.3.8:	Gather relevant information from multiple authoritative print and digital sources, using advanced searches effectively; assess the usefulness of each source in answering the research question; integrate information into the text selectively to maintain the flow of ideas, avoiding plagiarism and following a standard format for citation.	Biology - Florida (2017) > Living Things and Their Environment > Human Body Systems and Homeostasis > Nervous System > Elaborate with STEM > STEM Project Starters page 2 > Project: Addictive Substances	https://app.discoveryeducation.com/learn/techbook/units/6cc2c821-bab0-4bdd-8a36-e4ff66830003/concepts/3a4e6fc8-d116-45f7-a9f9-80164ddb5da/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/b2adddb5-7803-482c-bda5-7e93ef0be7cc
LAFS.910.WHST.3.8:	Gather relevant information from multiple authoritative print and digital sources, using advanced searches effectively; assess the usefulness of each source in answering the research question; integrate information into the text selectively to maintain the flow of ideas, avoiding plagiarism and following a standard format for citation.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Reproduction and Heredity > Genetics > Elaborate with STEM > STEM Project Starters page 2 > Project: Frankenfood Alert	https://app.discoveryeducation.com/learn/techbook/units/00ed1b9e-3bf0-49ef-a9f6-abf89f199a31/concepts/73dc8306-4604-4a7d-b430-ed7ad20140bd/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/ea405697-1360-435b-a0e9-f6972bf5ba1d

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LAFS.910.WHST.3.9:	Draw evidence from informational texts to support analysis, reflection, and research.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Diversity of Living Things > The History of Life on Earth > Core Interactive Text page 1 > Assignment: How Cells Have Changed	https://app.discoveryeducation.com/player/view/assetGuid/feac9f38-6113-4947-acbb-cee0ce7a7287
LAFS.910.WHST.3.9:	Draw evidence from informational texts to support analysis, reflection, and research.	Biology - Florida (2017) > Living Things and Their Environment > Plant Growth and Development > Plant Form and Function > Elaborate with STEM > STEM Project Starters page 3 > Project: Race to the Top	https://app.discoveryeducation.com/player/view/assetGuid/B30D5344-A802-42D0-B6C8-2BB93E1E3DE5
LAFS.910.WHST.3.9:	Draw evidence from informational texts to support analysis, reflection, and research.	Biology - Florida (2017) > Living Things and Their Environment > Human Body Systems and Homeostasis > Lymphoid System > Elaborate with STEM > STEM Project Starters page 2 > Project: Development of Food Allergies	https://app.discoveryeducation.com/learn/techbook/units/6cc2c821-bab0-4bdd-8a36-e4ff66830003/concepts/263a3a54-5288-4c26-9624-2fccda3f00fb/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/33379302-b77e-473a-a379-eb10314b057e
LAFS.910.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.	Biology - Florida (2017) > Living Things and Their Environment > Plant Growth and Development > Plant Reproduction > Elaborate with STEM > STEM Project Starters page 1 > Project: Conditional Plant Growth	https://app.discoveryeducation.com/learn/techbook/units/51712483-7aa2-4561-9fee-f56766420ee8/concepts/33254bc8-8616-40dc-b392-19feddcf7e2c/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/a68f23d1-86c4-4b03-8f55-b4bb1e52824c
LAFS.910.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.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Reproduction and Heredity > Genetic Disorders and Technology > Elaborate with STEM > STEM Project Starters page 1 > Project: Gene Therapy Research	https://app.discoveryeducation.com/learn/techbook/units/00ed1b9e-3bf0-49ef-a9f6-abf89f199a31/concepts/9becb599-d9f9-41b4-ad3d-127de3bd3703/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/f4543a66-c06e-474e-9461-b91d5a4e7148
LAFS.910.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.	Biology - Florida (2017) > Introduction to Biology > The Chemistry of Living Things > The Chemistry of Life > Elaborate with STEM > STEM Project Starters page 1 > Project: For Lack of an Enzyme	https://app.discoveryeducation.com/learn/techbook/units/a5270955-1d94-4e4d-a81c-afac35aa9b7b/concepts/d3677bf6-287e-4bed-a89b-400b79300db9/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f/pages/377f50c8-7ab1-45c6-8bd5-0c541705b68b
HE.912.C.1.3:	Evaluate how environment and personal health are interrelated.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Reproduction and Heredity > Transcription and Translation > Explore > Core Interactive Text page 6	https://app.discoveryeducation.com/learn/techbook/units/00ed1b9e-3bf0-49ef-a9f6-abf89f199a31/concepts/44b47450-05dd-4f74-9717-8787d4fa056d/tabs/759da9a7-2edf-4cde-9515-7081ca990764/pages/b7ab18c0-8cac-460c-ba3f-c295a2014c85
HE.912.C.1.3	Evaluate how environment and personal health are interrelated.	Biology - Florida (2017) > Diversity of Living Things > Viruses > Elaborate with STEM > STEM Project Starters page 2 > Project: Infection Monitoring Sysytem: Hands_On Lab: Infection Inspection	https://gtm-media.discoveryeducation.com/videos/DSC/data/BIO_DiversityofLife_Viruses_TeacherH_OL_DM_FINAL_MG_SE.pdf
HE.912.C.1.3	Evaluate how environment and personal health are interrelated.	Biology - Florida (2017) > Living Things and Their Environment > Ecology > Aquatic Biomes > Explore > Core Interactive Text page 4	https://app.discoveryeducation.com/learn/techbook/units/997c33d6-d599-4613-a88c-2a9f53e8e03e/concepts/361e8f26-b268-47db-8198-c717dfda692b/tabs/759da9a7-2edf-4cde-9515-7081ca990764/pages/8bba205f-966c-44a6-bd3f-63e709fb709e

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HE.912.C.1.5:	Analyze strategies for prevention, detection, and treatment of communicable and chronic diseases.	Biology - Florida (2017) > Living Things and Their Environment > Human Body Systems and Homeostasis > Cardiovascular System > Elaborate with STEM > STEM in Action: Applying the Cardiovascular System	https://app.discoveryeducation.com/learn/techbook/units/6cc2c821-bab0-4bdd-8a36-e4ff66830003/concepts/63bee321-a716-4c60-9d84-52ebc8f713af/tabs/054d49d8-d8f5-4203-b276-19e25b56cc5f
HE.912.C.1.5	Analyze strategies for prevention, detection, and treatment of communicable and chronic diseases.	Biology - Florida (2017) > Living Things and Their Environment > Human Body Systems and Homeostasis > Digestive System > Explore > Explore More Resources > Reading Passage: Being Thin	https://app.discoveryeducation.com/player/view/assetGuid/22ffe4ca-5b58-4147-9e82-bd03958d3563
HE.912.C.1.5	Analyze strategies for prevention, detection, and treatment of communicable and chronic diseases.	Biology - Florida (2017) > Living Things and Their Environment > Human Body Systems and Homeostasis > Lymphoid System > Explore > Explore More Resources > Reading Passage: Advances in Immunization	https://app.discoveryeducation.com/player/view/assetGuid/905becef-f694-4575-ba0e-22e774136ffd
HE.912.C.1.7:	Analyze how heredity and family history can impact personal health.	Biology - Florida (2017) > Cells, Heredity, and Diversity > Reproduction and Heredity > Transcription and Translation > Explore > Explore More Resources > Reading Passage: How DNA Makes Us	https://app.discoveryeducation.com/player/view/assetGuid/f54ea4f7-1bad-47f7-868d-36abe996828d
MAFS.912.N-Q.1.1:	Use units as a way to understand problems and to guide the solution of multi-step problems; choose and interpret units consistently in formulas; choose and interpret the scale and the origin in graphs and data displays. ★	Biology - Florida (2017) > Introduction to Biology > Energy and Life > Cellular Respiration > Explore > Explore More Resources > Exploration: Cellular Respiration	https://app.discoveryeducation.com/player/view/assetGuid/4fdaf1bd-dd63-4b36-84ed-fecba1e0e0fd
MAFS.912.N-Q.1.3:	Choose a level of accuracy appropriate to limitations on measurement when reporting quantities. ★	Using Scientific Methods > Explore > Explore More resources > Hands-On Lab: Accurate and Precise Measurements	https://app.discoveryeducation.com/player/view/assetGuid/75feda7c-4da4-43b2-8377-987b28bbe625
MAFS.912.N-Q.1.3:	Choose a level of accuracy appropriate to limitations on measurement when reporting quantities. ★	Using Scientific Methods > Explore > Explore More Resources > Activity: Significant Figures and Percent Error	https://app.discoveryeducation.com/player/view/assetGuid/3d2f5116-ea82-4ef1-bfbb-220e0fbc01ee