St. Johns County School District 2015-2016 School Year

Course: 2002070

7th Grade Science

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St. Johns County Schools Curriculum Map Terms & Use

Text: Pearson Interactive Science Course 2. Supplement with additional materials.

Quarter: Refers to the time period during which the standard(s) should be taught.

Florida Standards for Math & Literacy: Are to be incorporated into instruction, see notes in the map for suggestions. Best practice is to provide time for close reading and analytical writing, pushing student to evaluate/analyze information. For direct correlation of the standards to the standards within the map, visit: http://www.cpalms.org/

Unit/Organizing Strand: Overarching organizational structure used to group content & concepts within the curriculum map.

Essential Questions: Overarching question(s) that will serve to guide instruction & to push the student to higher levels of thinking (critical thinking). These questions should guide students to the heart of the content.

Benchmark: Refers to the benchmark classification system number: subject area, grade level, body of knowledge, big idea & benchmark are given in the benchmark. **Ex: SC.912.P.12.1**

Standard: The knowledge that the student is expected to learn.

Comments: These are district clarifications, to guide you on some of the vague standards.

Misconceptions: These are taken from NAEP and should be used to guide instruction, these are commonly held misconceptions at MS level.

Remarks: When given, these are DOE examples for a standard.

Highlighted item: DOE indicates that this content will be tested on the 8th grade FCAT 2.0 Science exam. The benchmark clarification and/or content limits from the DOE are printed below the benchmark.

Resources/Activities: Are suggested. Media resources should be previewed by teacher to be sure that they're appropriate. Best practice is to provide inquiry and/or follow up labs or activities, non-fiction text and/or enrichment activities for foundational topics for future learning. **For resources on CPALMS, visit:** www.cpalms.org

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Course# 2002070	Course: 7 th grade Science	Quarter: 1 & throughout the year	Pacing: Integrate throughout the year		
Unit/Organizing Strand: Florida Standards for Reading in Science and Technology					
Benchmarks	Standard				
LAFS.68.RST.1.1	Cite specific textual evidence to sup	port analysis of science and ted	chnical texts.		
LAFS.68.RST.1.2	Determine the central ideas or concl text distinct from prior knowledge or		curate summary of the		
LAFS.68.RST.1.3	Follow precisely a multistep procedu measurements, or performing techni		nts, taking		
LAFS.68.RST.2.4	Determine the meaning of symbols, key terms, & other domain-specific words & phrases as they're used in a specific scientific or technical context relevant to grades 6-8 texts & topics.				
LAFS.68.RST.2.5	Analyze the structure an author uses to organize a text, including how the major sections contribute to the whole & to an understanding of the topic.				
LAFS.68.RST.2.6	Analyze the author's purpose in providing an explanation, describing a procedure, or discussing an experiment in a text.				
LAFS.68.RST.3.7	Integrate quantitative or technical information expressed in words in a text with a version of that information expressed visually (e.g., in a flowchart, diagram, model, graph, or table).				
LAFS.68.RST.3.8	Distinguish among facts, reasoned judgment based on research findings, & speculation in a text.				
LAFS.68.RST.3.9	Compare & contrast the information gained from experiments, simulations, video, or multimedia sources with that gained from reading a text on the same topic.				

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Course# 2002070	Course: 7 th grade Science	Quarter: 1 & throughout the year	Pacing: Integrate throughout the year			
Unit/Organizing Stra	nit/Organizing Strand: Florida Standards for Speaking and Listing from Language Arts					
Benchmarks	Standard					
LAFS.7.SL.1.1	Engage effectively in a range of collaborative discussions (1-on-1, in groups & teacher-led) with diverse partners on grade 7 topics, texts, & issues, building on others' ideas & expressing their own clearly.					
LAFS.7.SL.1.2	Analyze the main ideas & supporting de quantitatively, and orally) & explain how	•	` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` `			
LAFS.7.SL.1.3	Delineate a speaker's argument & specific claims, evaluating the soundness of the reasoning & the relevance & sufficiency of the evidence.					
LAFS.7.SL.2.4	Present claims & finds, emphasizing salient points in a focused, coherent manner with pertinent descriptions, facts, details & examples; use appropriate eye contact, adequate volume, & clear pronunciation.					
LAFS.7.SL.2.5	Include multimedia components & visual displays in presentations to clarify claims & findings & emphasize salient points.					
ELD.K12.ELL.SI.1	English language learners communicate for social and instructional purposes within the school setting.					
ELD.K12.ELL.SC.1	English language learners communicate information, ideas and concepts necessary for academic success in the content area of Science.					

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Course# 2002070	Course: 7 th grade Science	Quarter: 1 & throughout the year	Pacing: Integrate throughout the year		
Unit/Organizing Strand: Florida Standards for Writing in History, Science and Technical Subjects					
Benchmarks	Standard				
LAFS.68.WHST.1.1	 Write arguments focused on discipline-specific content a. Introduce claim(s) about a topic or issue, acknowledge & distinguish the claim(s) from alternative or opposing claims, & organize the reasons & evidence logically. b. Support claim(s) with logical reasoning & relevant, accurate data & evidence that demonstrate an understanding of the topic or text, using credible sources. c. Use words, phrases, & clauses to create cohesion & clarify the relationships among claims(s), counterclaims, reasons, & evidence. d. Establish & maintain a formal style. e. Provide a concluding statement or section that follows from & supports the argument presented. 				
LAFS.68.WHST.1.2	Write informative/explanatory texts, including the narration of historical events, scientific procedures/experiments, or technical processes.				
LAFS.68.WHST.2.4	Produce clear & coherent writing in which the development, organization, & style are appropriate to task, purpose, and audience.				
LAFS.68.WHST.2.5	With some guidance and support from peers & adults, develop & strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach, focusing on how well purpose & audience have been addressed.				
LAFS.68.WHST.2.6	Use technology, including the Internet, to produce and publish writing and present the relationships between information and ideas clearly and efficiently.				

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Course# 2002070	Course: 7 th grade Science	Quarter: 1 & throughout the year	Pacing: Integrate throughout the year		
Unit/Organizing Strand:	Florida Standards for Writing in History, Science and Technical Subjects				
Benchmarks	Standard		,		
LAFS.68.WHST.3.7	Conduct short research projects to answer a question (including a self-generated question), drawing on several sources & generating additional related, focused questions that allow for multiple avenues of exploration.				
LAFS.68.WHST.3.8	Gather relevant information from multiple print & digital sources, using search terms effectively; assess the credibility & accuracy of each source; & quote or paraphrase the data & conclusions of others while avoiding plagiarism & following a standard format for citation.				
LAFS.68.WHST.3.9	Draw evidence from informational texts to support analysis reflection, and research.				
LAFS.68.WHST.4.10	Write routinely over extended time frames time for (reflection & revision) & shorter time frames (a single sitting or a day or two) for a range of discipline-specific tasks, purposes, & audiences.				

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Course# 2002070	Course: 7 th grade Science	Quarter: 1 & throughout year	Pacing:
Unit/Organizing St	rand: Math Standards from the Flori	da Standards - Statistics & Pr	robability
Benchmarks	Standards		
MAFS.7.SP.2.4	Use measure of center and measure draw informal comparative inference words in a chapter of a seventh-grace chapter of a fourth-grade science be	es about two populations. For de science book are generally	example, decide whether the
MAFS.7.SP.3.5	Understand that probability of a cha likelihood of the event occurring. La 0 indicates an unlikely event, a prob nor likely and a probability near 1 inc	rger numbers indicate greater ability around ½ indicates and	r likelihood. A probability near

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Course# 2002070	Course: 7 th grade Science	Quarter: 1	Pacing: approximately 2.5-3 weeks for "N" standards		
Unit/Organizing Stran	Unit/Organizing Strand: The Practice of Science				
	: Why do scientists use a scientific method difference between replication by other				
Benchmarks	Standards		Resources/Activities		
SC.7.N.1.1 Sc.8.N.1.1) Benchmark clarification/content limits: Students will identify test variables and or outcome variables in a given scientific investigation. Students will interpret/analyze data to make predictions/defend conclusions. SC.7.N.1.2 Students will differentiate between replication and repetition. Students will evaluate the use of repeated trials or replication in a scientific investigation. SC.7.N.1.3	Define a problem from 7th grade curricul materials to support scientific understar investigation of various types, such as sexperiments, identify variables (independence), collect & organize data (qualitative data in charts, tables & graphics, analyzed predictions & defend conclusions. Comment: Teach scientific processes metric measures/units and applications throughout the year (ex.: volume, gm, nonecessary to teach: metric conversions mode, mean, significant figures, % error reasoning. Differentiate replication (by others) from Distinguish between an experiment involvariables & other forms of scientific inversions where the process of scientific inversions are defined by experimentation.	nding, plan & carry out scientific systematic observations or indent/manipulated, control, and quantitative), interpret are information, make (inferring, observing, etc.), for them in the beginning and neter, cm, mL). It is not, accuracy/precision, median, r, inductive/deductive In repetition (multiple trials).	Media: Bozemanscience.com: "Scientific Method" Mr. Edmonds: "The Variables Song" http://www.youtube.com/ watch?v=Hxbz656Euyw &feature=kp Help to teach independent/dependent variables: D R Y MIX		

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Course# 2002070	Course: 7 th grade Science	Quarter: 1	Pacing:
Unit/Organizing Strand: Ti	he Practice of Science		
	y do scientists use a scientific n erence between observation ar		one conduct a "valid" scientific
Benchmarks	Standards		
SC.7.N.1.4	Identify test variables (independent) and outcome variables (dependent) in an experiment.		
SC.7.N.1.5 Also assesses SC.7.N.3.2 Students will describe & or analyze common methods &/or models used in different fields of study. Students will identify how technology is essential to science and will identify the benefits/limitations of the use of scientific models.	Describe the methods used in different fields of science suc	•	
SC.7.N.1.6	Explain that empirical evidence phenomenon on which scient	•	bservations of a natural
	Connection to 6 th grade: M	ost of the "N" standards are to	aught in the 6 th grade.

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Course # 2002070	Course: 7 th grade Science	Quarter: 1	Pacing:
Unit/Organizing Strand Models	: The Characteristics of Scientific I	The Role of The	pries, Laws, Hypotheses &
Essential Question(s):	How do new evidence or new inte	rpretations impact scientific l	nowledge? How do ideas or
	nange over time? How do laws, the	eories & hypotheses impact t	he body of scientific knowledge?
Why do we use scientific	models?		
Benchmarks	Standards		Resources/Activities
SC. 7.N.3.1 Students will explain the difference between theories and laws and explain why theories may be modified but are rarely discarded. SC.7.N.3.2 Also assesses	Recognize & explain the different several examples of scientific the supports them. Identify the benefits & limitations	eories & the evidence that	to write a paragraph in response to the prompt: "A change of mind is sometimes seen as a sign of weakness. How is this different in science?
SC.7.N.1.5	identity the benefits & illimations	of the use of scientific model	5.

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Course# 2002070	Course: 7 th grade Science	Quarter: 1	Pacing:
Unit/Organizing Stra	nd: Energy Transfer & Transformations		
Essential Question(s	s): How does addition or subtraction of heat affect	a system? What is energy a	nd how does it transform?
Benchmarks	Standards		Resources/Activities
SC.7.P.11.2 Also assesses SC.7.P.11.1 & 3. Students will differentiate between potential energy and kinetic energy& identify situations where energy is transformed between kinetic energy & potential energy. Students will identify & or describe examples of the law of conservation of energy. SC.7.P.11.3 Also assesses SC.7.P.11.2 SC.7.P.11.4 Assessed as SC.7.P.11.4 SC.7.P.11.1 Students will explain that adding or removing heat from a system may result in a temperature change & possibly a change of state.	Investigate & describe the transformation of energy another. (For example: kinetic, potential, mechan electrical, sound, light/electromagnetic, etc.) Connect to 6 th grade: Students learned about electween kinetic & potential energy. Misconception: Kinetic energy is associated with the connect to explain that energy cannot be cruchanged from one form to another. Connect to 6 th grade: Students learned the Law Misconception: Energy can be created. Recognize that adding heat to or removing heat for a temperature change & possibly a change of state Comment: Differentiate between heat, thermal electrons to cooler ones until they reach the Connect to 6 th grade: Briefly review convection Comment: Not necessary to teach about conductions.	nergy transformation h the speed of an object. eated or destroyed, only of Conservation of Energy. rom a system may result in te. energy, temperature. ways, moving from e same temperature. n, conduction, radiation.	Simulations: http://phet.colorado.edu/ "Energy Forms & Changes", "Energy Skate Park". Activity: Graphic organizer for showing differences/similarities for heat, thermal energy, temperature. Media: You Tube-Veritasium: "Misconceptions about Heat" Mr. Edmonds: "The Energy Song" http://www.youtube.com/watch?v=_uLSFigtLKg "Heat and Energy" http://www.youtube.com/watch?v=ZYuhMXmJeh4
	END OF 1 ST QTR.		

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Course# 2002070	Course: 7 th grade Science	Quarter:	2	Pacing:
Unit/Organizing Stra	nd: Forms of Energy			
•	s): What is radiant energy & how does it travel? How does light behave?	How do variou	s wave lengths i	mpact the energy? Do waves
Benchmarks	Standards			Resources/Activities
SC.7.P.10.1 This standard will not be taught again in 8 th grade. Students will identify & compare/contrast a variety of types of radiation present in the sun. They will identify/compare characteristics of and uses/applications of the electromagnetic spectrum/waves. SC.7.P.10.3 Also assesses SC.7.P.10.2 Students will explain that light waves can be reflected, refracted & or absorbed & explain that waves move at different speeds through different materials. SC.7.P.10.2 Assessed as SC.7.P.10.3	Illustrate that the sun's energy arrives as radiation wavelengths, including infrared, visible & ultraviol made up of a spectrum of many different colors. Comment: Teach wave properties (crest, trough frequency) so that students can understand wave Compare/contrast the various types of radiation is spectrum-students should know the order of the fithe spectrum. Identify the benefits & limitations of the use of sci (Example: Electromagnetic Spectrum) Recognize that light waves, sound waves, & other speeds in different materials. Comment: NOT necessary to teach transverse/specifically. Example: Waves move faster in solids. Observe & explain that light can be reflected, refricted comment: Explain the Law of Reflection, touch Not necessary to teach the types of reflection, minutes.	let, & that white n, wavelength, e behavior. n the electroma frequencies/wa entific models. er waves move longitudinal wa eracted & or abs on the behavior	e light is amplitude, agnetic avelengths in at different aves	Media: Bozemanscience.com: "Light Waves", "Sound Waves", "Waves". (GOOD FOR ADVANCED STUDENTS) You tube: The Electromagnetic Spectrum: http://www.youtube.com/watch ?v=kfS5Qn0wn2o Nbclearn.com Science of Summer Olympics: "Designing a Fast Pool" (waves)

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Course# 2002070	Course: 7 th grade Science	Quarter: 2	Pacing:		
Unit/Organizing Stra	Unit/Organizing Strand: Earth Structures				
	(s): How are the Earth's layers structure to landforms and surface or subsurface		move within the rock cycle? How		
Benchmarks	Standards		Resources		
SC.7.E.6.1 Will be assessed as SC.7.E.6.5	Describe the layers of the solid Earth convecting mantle, and the dense met	allic liquid & solid cores	. Layers: http://www.scec.org/e ducation/k12/learn/		
SC.7.N.1.7	Explain that scientific knowledge is the result of a great deal of debate & confirmation within the science community. Plate Tectonics to Structure of the I				
SC.7.N.2.1	Identify an instance from the history of science in which scientific knowledge has changed when new evidence or new interpretations are encountered.				
SC.7.E.6.2 Also assesses SC.7.E.6.6, 6.1. Students will identify/describe steps of the rock cycle & relate to sub surface events. They will describe weathering, erosion, deposition and identify different landforms commonly found on earth, as well as the impact that humans have had on Earth	Identify patterns within the rock cycle of (weathering & erosion) & sub-surface mountain building). Comment: Identify and describe steps rock groups, representative examples Misconception: Rocks are always so END OF 2 ND C	events (plate tectonics & sof the rock cycle. Tea of the groups not neces blid.	ch the 3		

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Course# 2002070	Course: 7 th grade Science Quarter: 3	Pacing:
Unit/Organizing Strand: Ear	th Structures	
Essential Question(s): How are	e some of Earth's structures created? What causes earthqu	akes & volcanic eruptions?
Benchmarks	Standards	Resources/Activities
SC.7.E.6.5 Also assesses SC.7.E.6.1 & SC.7.E.6.7. Students will identify/describe the layers of the earth. (limited to crust, lithosphere, mantle, inner & outer core)	Explore the scientific theory of plate tectonics by describing movement of Earth's crustal plates causes both slow & rap changes in Earth's surface, including volcanic eruptions, earthquakes, & mountain building. Comment: Not necessary to teach landforms such as diketc. Not necessary to teach the parts of or types of volcand (cinder cone, etc. Not necessary to types of earthquake was the idea is for students to understand that these landforms from plate movement. Misconception: Earth's plates are located deep within the are made of melted rock.	Media: Bozemanscience.com "Plate Tectonics", "Law of Superposition". Amoeba People: Alfred Wegener Song/video clip: https://www.youtube.com/
SC.7.E.6.7 Assessed as SC.7.E.6.5 SC. 7.N.3.1 Students will explain the difference between theories & laws & identify examples of each	Recognize that heat flow & movement of material within Eacuses earthquakes & volcanic eruptions, & creates moun ocean basins. Recognize & explain the difference between theories & law several examples of scientific theories & the evidence that them.	e.com/watch?v=hC1E93IT JbA ws & give supports Web resources for plate tectonics:
SC.7. E.6.4 Also assess SC.7.E.6.3. Students will identify examples or explain physical evidence that supports theories that Earth has evolved over geologic time due to natural processes. They will identify current methods for measuring the age of Earth.	Explain & give examples of how physical evidence support scientific theories that Earth has evolved over geologic time natural processes. Comment: You may show geologic time scale but not need for students to learn.	http://www.scec.org/education/k12/learn/
SC.7.E.6.3 Assessed as SC.7.E.6.4	Identify current methods for measuring the age of Earth & including the Law of Superposition & radioactive dating. C Students should know what a fossil is. Not necessary to te various types of fossils. Half-life calculations are not neces only the concept of half-life required.	Plate Tectonics

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Course# 2002070	Course: 7 th grade Science	Quarter: 3	Pacing:
Unit/Organizing Stra	lnd: Heredity & Reproduction		
Essential Question(s): What is DNA? How does DNA pass in the study of genetics/heredity? How		
Benchmarks	Standards		Resources/Activities
SC.7.L.16.1 Also assesses SC.7.L.16.2 & SC.7.L.16.3. Students will identify and/or explain that hereditary information (DNA) contains genes located in the chromosomes of each cell and/or that heredity is the passage of these instructions from one generation to another. Students will use Punnett squares and pedigrees to determine genotypic and phenotypic probabilities. Students will compare and/or contrast general processes of sexual and asexual reproduction that result in the passage of hereditary information from one generation to another. SC.7.L.16.4	Understand & explain that every organistructions that specifies its traits,the (DNA) contains genes located in the and that heredity is the passage of the generation to another. Connect to 6th grade: students learn of major organelles of the cell. DNA &/or mitochondria of every cell. Misconception: Some organisms of different types of cells in our bodies of Genes are traits. Recognize & explore the impact of be genetic engineering, artificial selection & the environment.	at this hereditary information chromosomes of each cell, nese instructions from one ned the structure & function is located in the nucleus lo not have DNA. The contain different DNA.	Media: Bozemanscience.com: "Genetics", "Chromosomal Genetics" Amoeba Sisters-You Tube: "Structure and Function of DNA" Web Resources: DNA: http://www.yourgenome.org/l anding_teachers.shtml Virtual DNA extraction lab: http://learn.genetics.utah.edu /content/labs/extraction/

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Course# 2002070	Course: 7 th grade Science	Quarter: 3	Pacing:
Unit/Organizing Str	rand: Heredity & Reproduction, Health	l Promotion & Disease Prevention	on to Enhance Health.
Essential Question does a Punnett squa	(s): How are the processes of mitosis are/Pedigree tell us?	& meiosis crucial for the transfe	er of genetic information? What
Benchmarks	Standards		Resources/Activities
SC.7.L.16.2 Assessed as SC.7.L.16.1	Determine the probabilities for genoty combinations using Punnett Squares Comment: Punnett squares limited to will assess dominant or recessive trait	& pedigrees. D P & F1 generations, either	Bozemanscience.com: "Mitosis" meiosis" Amoebasisters.com: "Mitosis & Meiosis", "Meiosis: The Great Divide"
SC.7.L.16.3 Assessed as SC.7.L.16.1	Compare and contrast the general pro- reproduction requiring meiosis & asex mitosis. Comment: It is <u>not</u> required that you dominance, polygenic, multiple alleles disease or disorder, stages of meiosis the terms haploid or diploid. (from FC	teach sex-linked, incomplete, co-dominance, genetic. Not required that you teach	Simulations: www.cellsalive.com: "Mitosis" "Cell Cycle" "meiosis"
	END QUARTER 3		Punnett Square Practice: http://www.zerobio.com/drag _gr11/mono.htm
			Virtual Lab: Punnett Squares/Traits: http://www.glencoe.com/site s/common_assets/science/vi rtual_labs/E09/E09.html

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Course# 2002070	Course: 7 th grade Science	Quarter: 4	Pacing:	
Unit/Organizing Strand:	Diversity & Evolution of Living Organisms			
factors contribute to evolut adapt contribute to the ext		•	pecies? How does inability of	
Benchmarks	Standards		Resources/Activities	
SC.7.L.15.1 Assessed as SC.7.L.15.2	Recognize that fossil evidence is consistent with the evolution that living things evolved from earlier specified in the evolution of the evolution that living things evolved from earlier specified in the evolution of the evolu		Media: The Simpsons: Homer https://www.youtube.com RIFsYmkeY&safe=active	n/watch?v=fa
Also assesses SC.7.L.15.1 & SC.7.L.15.3. Students will identify/explain ways that genetic variation & environmental factors contribute to evolution by natural selection. Students will explain that a species' inability to adapt may contribute to the extinction of the species. SC.7.L.15.3 Assessed as SC.7.L.15.2.	Explore the scientific theory of evolution by recognizing & explaining ways in which genetic variation & environmental factors contribute to evolution by natural selection & diversity of organisms. Comment: Students should understand the difference between variation & mutation & the relationship to adaptation (adaptation for discussions of inherited characteristics useful for survival in the environment, versus an <i>individual</i> adapting to their environment). Misconception: Population changes occur through gradual change in all members of a population, not through survival of the fittest. Explore the scientific theory of evolution by relating how the inability of a species to adapt within a changing environment may contribute to		Bozemanscience.com: "The Origin of Life", "Behavior & Natural Selection". Khanacademy.com: "Evolution". "The Making of the Fittest: Natural Selection & Adaptation" http://media.hhmi.org/fittest/natural_s election.html Natural Selection Simulation: http://www2.edc.org/weblabs/Natural Selection/NaturalSelectionMenu.html	
	the extinction of that species. Misconception: Sudden environmental change i evolution to occur.	s required for	Phet:https://phet.colorad mulation/natural-selection	
			Web Resource for Evol http://www.cpet.ufl.edu/E 01.htm	

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Course#	Course: 7 th grade Science	Quarter: 4	Pa	cing:		
2002070						
Unit/Organizing Strand: Interdependence						
Essential Question(s): What are the roles and relationships among producers, consumers, and decomposers? How do mutualism, predation, parasitism, etc. affect relationships between organisms in an ecosystem? How do limiting factors impact native populations including food, shelter, water, space, disease, predation, nesting sites?						
Benchmarks	Standards	, , , , , , , , , , , , , , , , , , , ,		Resources		
SC.7.L.17.1 Assessed as SC.7.L.17.2	Comment: Students must be able to "read" a food web. Not Boz			Media: Bozemanscience.com: "Speciation &		
SC.7.L.17.2 Also assesses SC.7.L.17.1 & SC.7.L.17.3. Students will describe/explain roles of relationships in a food web &identify/describe limiting factors in an ecosystem & their impact	Compare & contrast the relationships a mutualism, predation, parasitism, comp Misconception: "Competition" between direct and aggressive interaction.	petition, and commensalis	sm.	Extinction", "Populations".		
on native populations. SC.7.L.17.3 Assessed as SC.7.L.17.2.	Describe & investigate various limiting their impact on native populations, incluspace, disease, parasitism, predation &	uding food, shelter, water				
SC.7.E. 6.6 Assessed as SC.7.E.6.2	Identify the impact that humans have he deforestation, urbanization, desertificate changing the flow of water. Comment: Not required that you teach reclamation, smog, indoor air pollution, lakes, wetlands, etc.	ion, erosion, air & water on soil management, land				
HE.7.C.1.3	Analyze how environmental factors afformation DOE Remarks: Examples include water	•	tion.			

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