

Instructional Guide

Grade Level Tenth

Subject Environmental Science
School Year 2011-2012

School System Pickens County

Time Period (Pacing – when)	State Assessment Correlations	Standards/ Components (Pacing – what)	Resources/ Activities (Pacing – how) Curricular Alignment	Date of Common Formative Assessment (Pacing – how well)	Mapping Comments (What works what needs adjustment)
1 st 9 weeks		EN.1.a. Identify the influence of human population and technology.	Holt-Environmental Science Chapter 9 (pp219-231) Holt-Environmental Science Chapter 9 Workbook Holt –Environmental Science power point resource ARI strategies: vocabulary sort Skill builders: quick write summaries, k-w-l Additional resources: teacher preference Assessments: Projects Teacher generated worksheets Teacher generated quizzes Video Clips from Discovery Education Streaming Internet resources www.edhelper.com , www.scilinks.org , www.go.hrw.com		

Time Period (Pacing – when)	State Assessment Correlations	Standards/ Components (Pacing – what)	Resources/ Activities (Pacing – how) Curricular Alignment	Date of Common Formative Assessment (Pacing – how well)	Mapping Comments (What works what needs adjustment)
1 st 9 weeks		EN.1.b. Identify the influence of cultural and industrial changes on the environment.	Holt-Environmental Science Textbook Chapter 9 (pp219-231) Holt-Environmental Science Chapter 9 Workbook Holt –Environmental Science power point resource ARI strategies: say something, discussion web Graphic organizers: concept map Additional resources: teacher preference Assessments: Projects Teacher generated worksheets Teacher generated quizzes Lab activity Video Clips from Discovery Education Streaming Internet resources: www.edhelper.com , www.scilinks.org , www.go.hrw.com		

Time Period (Pacing – when)	State Assessment Correlations	Standards/ Components (Pacing – what)	Resources/ Activities (Pacing – how) Curricular Alignment	Date of Common Formative Assessment (Pacing – how well)	Mapping Comments (What works what needs adjustment)
1 st 9 weeks	STANDARD 16. Identify density-dependent and density-independent limiting factors that affect populations in an ecosystem.	EN.1.B.1. Describing the relationship between carrying capacity and population size	Holt-Environmental Science Textbook Chapter 8 (pp196-200) Holt-Environmental Science Textbook Chapter 9 (pp217c-224) Holt-Environmental Science Workbook Chapters 8 & 9 Holt –Environmental Science power point resource ARI strategies: think-pair-share, read-talk-write Graphic organizers: definition map, comparison chart, cause and effect Additional resources: teacher preference Review: jeopardy Assessments: Teacher generated worksheets Teacher generated quizzes Teacher generated tests Internet resources: www.wikipedia.org , www.scilinks.org , www.go.hrw.com		

Time Period (Pacing – when)	State Assessment Correlations	Standards/ Components (Pacing – what)	Resources/ Activities (Pacing – how) Curricular Alignment	Date of Common Formative Assessment (Pacing – how well)	Mapping Comments (What works what needs adjustment)
1 st 9 weeks		EN.2.B.1. Describing the formation and use of nonrenewable fossil fuels	Holt-Environmental Science Textbook Chapter 17 (p435;438-443) Holt-Environmental Science Workbook Chapter 17 Holt –Environmental Science power point resource ARI strategies: grand conversation Graphic organizers: give one get one, sequence of events Virtual field trip Skill builder: 3 paragraph essay Additional resources: teacher preference Assessments: Projects Teacher generated worksheets Teacher generated quizzes Video Clips from Discovery Education Streaming Internet resources: www.edhelper.com , www.scilinks.org , www.go.hrw.com , www.energy.gov , www.wikipedia.org		

Time Period (Pacing – when)	State Assessment Correlations	Standards/ Components (Pacing – what)	Resources/ Activities (Pacing – how) Curricular Alignment	Date of Common Formative Assessment (Pacing – how well)	Mapping Comments (What works what needs adjustment)
1 st 9 weeks		EN.2.B.2. Identifying by-products of the combustion of fossil fuels, including particulates, mercury, sulfur dioxide, nitrogen dioxide, and carbon dioxide	Holt-Environmental Science Textbook Chapter 17 (p435;438-447) Holt-Environmental Science Workbook Chapter 17 Holt –Environmental Science power point resource ARI strategies: twirl Graphic organizers: give one get one, list-group-label Skill builder: sum it up Lab activity Additional resources: teacher preference Assessments: Teacher generated worksheets Teacher generated quizzes Internet resources: www.edhelper.com , www.scilinks.org , www.go.hrw.com , www.energy.gov , www.wikipedia.org		

Time Period (Pacing – when)	State Assessment Correlations	Standards/ Components (Pacing – what)	Resources/ Activities (Pacing – how) Curricular Alignment	Date of Common Formative Assessment (Pacing – how well)	Mapping Comments (What works what needs adjustment)
1 st 9 weeks		EN.2.B.3. Identifying chemical equations associated with the combustion of fossil fuels	Holt-Environmental Science Textbook Chapter 17 (p435;438-447) Holt-Environmental Science Workbook Chapter 17 Holt –Environmental Science power point resource ARI strategies: think-pair-share Additional resources: teacher preference Assessments: Teacher generated worksheets Teacher generated quizzes Internet resources: www.scilinks.org , www.go.hrw.com		

Time Period (Pacing – when)	State Assessment Correlations	Standards/ Components (Pacing – what)	Resources/ Activities (Pacing – how) Curricular Alignment	Date of Common Formative Assessment (Pacing – how well)	Mapping Comments (What works what needs adjustment)
1 st 9 weeks		EN.2.B.4. Describing benefits of abundant, affordable energy to mankind	Holt-Environmental Science Textbook Chapter 17 (p435;438-443) Holt-Environmental Science Textbook Chapter 18(pp456-471) Holt-Environmental Science Workbook Chapter 17 & 18 Holt –Environmental Science power point resource ARI strategies: say something, grand conversation Graphic organizers: venn diagram Skill builder: quick write Additional resources: teacher preference Assessments: Teacher generated worksheets Teacher generated quizzes Internet resources: www.edhelper.com , www.scilinks.org , www.go.hrw.com , www.energy.gov		

Time Period (Pacing – when)	State Assessment Correlations	Standards/ Components (Pacing – what)	Resources/ Activities (Pacing – how) Curricular Alignment	Date of Common Formative Assessment (Pacing – how well)	Mapping Comments (What works what needs adjustment)
1 st 9 weeks		EN.2.B.5.a. Identifying effects of fossil fuels by-products on the environment, including ozone depletion and greenhouse gases	Holt-Environmental Science Textbook Chapter 17(pp 439,441) Holt-Environmental Science Workbook Chapter 17 Holt –Environmental Science power point resource ARI strategies: discussion web Graphic organizers: Virtual field trip Additional resources: teacher preference Assessments: Projects Teacher generated worksheets Teacher generated quizzes Video documentary: An Inconvenient Truth Internet resources: www.edhelper.com , www.scilinks.org , www.go.hrw.com , www.energy.gov		

Time Period (Pacing – when)	State Assessment Correlations	Standards/ Components (Pacing – what)	Resources/ Activities (Pacing – how) Curricular Alignment	Date of Common Formative Assessment (Pacing – how well)	Mapping Comments (What works what needs adjustment)
1 st 9 weeks		EN.2.B5.b. Identifying effects of fossil fuels by-products on the environment, including formation of acid rain and brown haze	Holt-Environmental Science Textbook Chapter 5 (p128) Holt-Environmental Science Textbook Chapter 12 (p314-316) Holt-Environmental Science Textbook Chapter 17 (p439) Holt-Environmental Science Workbook Chapter 12 & 17 Holt –Environmental Science power point resource Graphic organizers: k-w-l Additional resources: teacher preference Assessments: Teacher generated worksheets Teacher generated quizzes Video clip: Day after Tomorrow Internet resources: www.edhelper.com , www.scilinks.org , www.go.hrw.com , www.energy.gov		

Time Period (Pacing – when)	State Assessment Correlations	Standards/ Components (Pacing – what)	Resources/ Activities (Pacing – how) Curricular Alignment	Date of Common Formative Assessment (Pacing – how well)	Mapping Comments (What works what needs adjustment)
1 st 9 weeks		EN.2.B.5.c. Identifying the effects of fossil fuels by-products on the environment, including concentration of particulates and heavy metals	Holt-Environmental Science Textbook Chapter 17 (p439-447) Holt-Environmental Science Workbook Chapter 17 Holt –Environmental Science power point resource Graphic organizers: bubble map Additional resources: teacher preference Review: jeopardy Assessments: Teacher generated worksheets Teacher generated quizzes Teacher generated test Internet resources: www.edhelper.com , www.scilinks.org , www.go.hrw.com , www.energy.gov		

Time Period (Pacing – when)	State Assessment Correlations	Standards/ Components (Pacing – what)	Resources/ Activities (Pacing – how) Curricular Alignment	Date of Common Formative Assessment (Pacing – how well)	Mapping Comments (What works what needs adjustment)
1 st 9 weeks		EN.3.B.1. Comparing nuclear fission and nuclear fusion reactions in the production of energy	Holt-Environmental Science Textbook Chapter 17 (pp 444-447) Holt-Environmental Science Workbook Chapter 17 Holt –Environmental Science power point resource Graphic organizers: compare chart, t-chart Additional resources: teacher preference Assessments: Projects Teacher generated worksheets Teacher generated quizzes Internet resources: www.edhelper.com , www.scilinks.org , www.go.hrw.com , www.energy.gov		

Time Period (Pacing – when)	State Assessment Correlations	Standards/ Components (Pacing – what)	Resources/ Activities (Pacing – how) Curricular Alignment	Date of Common Formative Assessment (Pacing – how well)	Mapping Comments (What works what needs adjustment)
1 st 9 weeks		EN.3.B.2. Comparing energy production and waste output in generating nuclear energy	Holt-Environmental Science Textbook Chapter 17 (pp 444-447) Holt-Environmental Science Workbook Chapter 17 Holt –Environmental Science power point resource Graphic organizers: compare chart, t-chart Additional resources: teacher preference Assessments: Projects Teacher generated worksheets Teacher generated quizzes Internet resources: www.edhelper.com , www.scilinks.org , www.go.hrw.com , www.energy.gov		

Time Period (Pacing – when)	State Assessment Correlations	Standards/ Components (Pacing – what)	Resources/ Activities (Pacing – how) Curricular Alignment	Date of Common Formative Assessment (Pacing – how well)	Mapping Comments (What works what needs adjustment)
1 st 9 weeks		EN.3.B.3. Differentiating between renewable and nonrenewable energy resources	Holt-Environmental Science Textbook Chapter 17 (p435;438-443) Holt-Environmental Science Textbook Chapter 18(pp456-471) Holt-Environmental Science Workbook Chapter 17 & 18 Holt –Environmental Science power point resource ARI strategies: say something, grand conversation Graphic organizers: t-chart, tree map Additional resources: teacher preference Assessments: Teacher generated worksheets Teacher generated quizzes Internet resources: www.edhelper.com , www.scilinks.org , www.go.hrw.com , www.energy.gov		

Time Period (Pacing – when)	State Assessment Correlations	Standards/ Components (Pacing – what)	Resources/ Activities (Pacing – how) Curricular Alignment	Date of Common Formative Assessment (Pacing – how well)	Mapping Comments (What works what needs adjustment)
1 st 9 weeks		EN.3.B.4. Identifying local energy sources Examples: landfill, gas, wind, water, sun	Holt-Environmental Science Textbook Chapter 17 (p435;438-443) Holt-Environmental Science Textbook Chapter 18(pp456-471) Holt-Environmental Science Textbook Chapter 19(p485-486) Holt-Environmental Science Workbook 17, 18, & 19 Holt –Environmental Science power point resource ARI strategies: think-pair-share Graphic organizers: list-group-label Additional resources: teacher preference Assessments: Teacher generated worksheets Teacher generated quizzes Video Clips from Discovery Education Streaming Internet resources: www.edhelper.com , www.scilinks.org , www.go.hrw.com , www.energy.gov		

Time Period (Pacing – when)	State Assessment Correlations	Standards/ Components (Pacing – what)	Resources/ Activities (Pacing – how) Curricular Alignment	Date of Common Formative Assessment (Pacing – how well)	Mapping Comments (What works what needs adjustment)
1 st 9 weeks		EN.3.B.5. Identifying ways the law of conservation of energy relates to fuel consumption Examples: development of hybrid cars, construction of energy-efficient homes	Holt-Environmental Science Textbook Chapter 18 (p470-471) Holt-Environmental Science Workbook Chapter 18 Holt –Environmental Science power point resource ARI strategies: grand conversation Graphic organizers: give one get one Additional resources: teacher preference Review: jeopardy Assessments: Teacher generated worksheets Teacher generated quizzes Teacher generated test Internet resources: www.edhelper.com , www.scilinks.org , www.go.hrw.com , www.energy.gov		

Time Period (Pacing – when)	State Assessment Correlations	Standards/ Components (Pacing – what)	Resources/ Activities (Pacing – how) Curricular Alignment	Date of Common Formative Assessment (Pacing – how well)	Mapping Comments (What works what needs adjustment)
1 st 9 weeks		EN.9.B.2. Identifying ways to manage waste, including composting, recycling, reusing, and reclaiming	Holt-Environmental Science Textbook Chapter 19(pp488-492) Holt-Environmental Science Workbook Chapter 19 Holt –Environmental Science power point resource ARI strategies: discussion web Graphic organizers: tree map, sequence of events Additional resources: teacher preference Review: jeopardy Assessments: Projects Teacher generated worksheets Teacher generated quizzes Teacher generated test Video Clips from Discovery Education Streaming Internet resources: www.edhelper.com , www.scilinks.org , www.go.hrw.com , www.epa.gov		

Time Period (Pacing – when)	State Assessment Correlations	Standards/ Components (Pacing – what)	Resources/ Activities (Pacing – how) Curricular Alignment	Date of Common Formative Assessment (Pacing – how well)	Mapping Comments (What works what needs adjustment)
1 st 9 weeks		EN.9.B.1. Defining various types and sources of waste and their impact on the soil Examples: - types- biodegradeable, nonbiodegradeable, organic, radioactive, nonradioactive; - sources-pesticides, herbicides	Holt-Environmental Science Textbook Chapter 14 (pp355-369) Holt-Environmental Science Textbook Chapter 19(pp481-487;490-497) Holt-Environmental Science Workbook Chapter 14 & 19 Holt –Environmental Science power point resource ARI strategies: Graphic organizers: Bubble map, tree map, venn diagram, cause and effect Additional resources: teacher preference Assessments: Projects Teacher generated worksheets Teacher generated quizzes Teacher generated test Internet resources: www.edhelper.com , www.scilinks.org , www.go.hrw.com , www.epa.gov		

Time Period (Pacing – when)	State Assessment Correlations	Standards/ Components (Pacing – what)	Resources/ Activities (Pacing – how) Curricular Alignment	Date of Common Formative Assessment (Pacing – how well)	Mapping Comments (What works what needs adjustment)
1 st 9 weeks		EN.10.B.1. Identifying various processes and activities that promote soil formation Examples: weathering, decomposition, deposition EN.10.B.2. Relating particle size to soil texture and type of sand, silt, or clay	Holt-Environmental Science Textbook Chapter 15 (pp385) Holt-Environmental Science Workbook Chapter 15 Holt –Environmental Science power point resource ARI strategies: think-pair-share Graphic organizers: definition map, venn diagram Additional resources: teacher preference Review: jeopardy Assessments: Projects Teacher generated worksheets Teacher generated quizzes Teacher generated test Internet resources: www.scilinks.org , www.go.hrw.com , www.wikipedia.org		

Time Period (Pacing – when)	State Assessment Correlations	Standards/ Components (Pacing – what)	Resources/ Activities (Pacing – how) Curricular Alignment	Date of Common Formative Assessment (Pacing – how well)	Mapping Comments (What works what needs adjustment)
1 st 9 weeks		EN.11.B.1. Describing methods for preventing soil erosion Examples: planting vegetation, constructing terraces, providing barriers	Holt-Environmental Science Textbook Chapter 15 (p387) Holt-Environmental Science Workbook Chapter 15 Holt –Environmental Science power point resource ARI strategies: think aloud Graphic organizers: definition Additional resources: teacher preference Review: jeopardy Assessments: Teacher generated worksheets Teacher generated quizzes Teacher generated test Internet resources: www.scilinks.org , www.go.hrw.com , www.wikipedia.org		

Time Period (Pacing – when)	State Assessment Correlations	Standards/ Components (Pacing – what)	Resources/ Activities (Pacing – how) Curricular Alignment	Date of Common Formative Assessment (Pacing – how well)	Mapping Comments (What works what needs adjustment)
1 st 9 weeks		EN.4.B.1. Identifying layers of the atmosphere and the composition of air	Holt-Environmental Science Textbook Chapter 3 (pp67-69) Holt-Environmental Science Workbook Chapter 3 Holt –Environmental Science power point resource Graphic organizers: 4 quadrant posters Additional resources: teacher preference Assessments: Teacher generated worksheets Teacher generated quizzes Video Clips from Discovery Education Streaming Internet resources: www.edhelper.com , www.scilinks.org , www.go.hrw.com		

Time Period (Pacing – when)	State Assessment Correlations	Standards/ Components (Pacing – what)	Resources/ Activities (Pacing – how) Curricular Alignment	Date of Common Formative Assessment (Pacing – how well)	Mapping Comments (What works what needs adjustment)
1 st 9 weeks		EN.4.B.2. Describing the formation of primary, secondary, and indoor air pollutants	Holt-Environmental Science Textbook Chapter 12 (pp303-304) Holt-Environmental Science Workbook Chapter 12 Holt –Environmental Science power point resource Graphic organizers: list-group-label, t-chart Additional resources: teacher preference Assessments: Teacher generated worksheets Teacher generated quizzes Internet resources: www.edhelper.com , www.scilinks.org , www.go.hrw.com		

Time Period (Pacing – when)	State Assessment Correlations	Standards/ Components (Pacing – what)	Resources/ Activities (Pacing – how) Curricular Alignment	Date of Common Formative Assessment (Pacing – how well)	Mapping Comments (What works what needs adjustment)
1 st 9 weeks		EN.4.B.3.a.Relating pollutants to smog EN.4.B.3.b.Relating pollutants to thermal inversions	Holt-Environmental Science Textbook Chapter 12 (pp308,325) Holt-Environmental Science Workbook Chapter 12 Holt –Environmental Science power point resource Graphic organizers: definition map Additional resources: teacher preference Assessments: Teacher generated worksheets Teacher generated quizzes Internet resources: www.edhelper.com , www.scilinks.org , www.go.hrw.com		

Time Period (Pacing – when)	State Assessment Correlations	Standards/ Components (Pacing – what)	Resources/ Activities (Pacing – how) Curricular Alignment	Date of Common Formative Assessment (Pacing – how well)	Mapping Comments (What works what needs adjustment)
1 st 9 weeks		EN.4.B.4. Investigating the impact of air quality on the environment	Holt-Environmental Science Textbook Chapter 12 (pp303-311) Holt-Environmental Science Workbook Chapter 12 Holt –Environmental Science power point resource Graphic organizers: Circle map Additional resources: teacher preference Assessments: Projects Teacher generated worksheets Teacher generated quizzes Internet resources: www.edhelper.com , www.scilinks.org , www.go.hrw.com		

Time Period (Pacing – when)	State Assessment Correlations	Standards/ Components (Pacing – what)	Resources/ Activities (Pacing – how) Curricular Alignment	Date of Common Formative Assessment (Pacing – how well)	Mapping Comments (What works what needs adjustment)
1 st 9 weeks		EN.4.B.5. Interpreting social, political, and economic influences on air quality	Holt-Environmental Science Textbook Chapter 12 (pp303-311) Holt-Environmental Science Textbook Chapter 21 (pp533-547) Holt-Environmental Science Workbook Chapter 12 & 21 Holt –Environmental Science power point resource ARI strategies: grand conversation Graphic organizers: Concept map Additional resources: teacher preference Review: jeopardy Assessments: Projects Teacher generated worksheets Teacher generated quizzes Teacher generated test Internet resources: www.edhelper.com , www.scilinks.org , www.go.hrw.com		

Time Period (Pacing – when)	State Assessment Correlations	Standards/ Components (Pacing – what)	Resources/ Activities (Pacing – how) Curricular Alignment	Date of Common Formative Assessment (Pacing – how well)	Mapping Comments (What works what needs adjustment)
2 nd 9 weeks	STANDARD 14.Trace biogeochemical cycles through the environment, including water, carbon, oxygen, and nitrogen.	EN.5.Describe properties of water that make it a universal solvent.	Holt-Environmental Science Textbook Chapter 11 (pp269-283) Holt-Environmental Science Workbook Chapter 11 Holt –Environmental Science power point resource ARI strategies: grand conversation Graphic organizers: tree map Additional resources: teacher preference Review: jeopardy Assessments: Teacher generated worksheets Teacher generated quizzes Teacher generated test Video Clips from Discovery Education Streaming Internet resources: www.edhelper.com , www.scilinks.org , www.go.hrw.com		

Time Period (Pacing – when)	State Assessment Correlations	Standards/ Components (Pacing – what)	Resources/ Activities (Pacing – how) Curricular Alignment	Date of Common Formative Assessment (Pacing – how well)	Mapping Comments (What works what needs adjustment)
2 nd 9 weeks		EN.6.1..Identify sources of local drinking water. Determining the quality of fresh water using chemical testing and bio assessment EN.6.B.2.a. Describing the use of chemicals in water treatment EN.6.B.2.b. Describing the use of microorganisms in water treatment	Holt-Environmental Science Textbook Chapter 11 (pp276-292) Holt-Environmental Science Workbook Chapter 11 Holt –Environmental Science power point resource ARI strategies: Graphic organizers: flow map Lab activity: testing water quality Additional resources: teacher preference Assessments: Projects Teacher generated worksheets Teacher generated quizzes Video Clips from Discovery Education Streaming Internet resources: www.edhelper.com , www.scilinks.org , www.go.hrw.com , www.epa.gov		

Time Period (Pacing – when)	State Assessment Correlations	Standards/ Components (Pacing – what)	Resources/ Activities (Pacing – how) Curricular Alignment	Date of Common Formative Assessment (Pacing – how well)	Mapping Comments (What works what needs adjustment)
2 nd 9 weeks		EN.6.B.3. Describing water conservation methods	Holt-Environmental Science Textbook Chapter 11 (pp292-293) Holt-Environmental Science Workbook Chapter 11 Holt –Environmental Science power point resource ARI strategies: Graphic organizers: flow map Additional resources: teacher preference Assessments: Projects Teacher generated worksheets Teacher generated quizzes Video Clips from Discovery Education Streaming Internet resources: www.edhelper.com , www.scilinks.org , www.go.hrw.com , www.epa.gov		

Time Period (Pacing – when)	State Assessment Correlations	Standards/ Components (Pacing – what)	Resources/ Activities (Pacing – how) Curricular Alignment	Date of Common Formative Assessment (Pacing – how well)	Mapping Comments (What works what needs adjustment)
2 nd 9 weeks		EN.6.B.4. Describing the process of underground water accumulation, including the formation of aquifers	Holt-Environmental Science Textbook Chapter 3 (p79) Holt-Environmental Science Textbook Chapter 11 (pp272-275) Holt-Environmental Science Workbook Chapter 3 & 11 Holt –Environmental Science power point resource Graphic organizers: chain of events Additional resources: teacher preference Assessments: Teacher generated worksheets Teacher generated quizzes Internet resources: www.edhelper.com , www.scilinks.org , www.go.hrw.com		

Time Period (Pacing – when)	State Assessment Correlations	Standards/ Components (Pacing – what)	Resources/ Activities (Pacing – how) Curricular Alignment	Date of Common Formative Assessment (Pacing – how well)	Mapping Comments (What works what needs adjustment)
2 nd 9 weeks		EN.6.B.5. Identifying major residential, industrial, and agricultural water consumers EN.6.B.6. Identifying principal uses of water	Holt-Environmental Science Textbook Chapter 11 (pp276-278) Holt-Environmental Science Workbook Chapter 11 Holt –Environmental Science power point resource Graphic organizers: tree map, compare chart Additional resources: teacher preference Review: jeopardy Assessments: Projects Teacher generated worksheets Teacher generated quizzes Teacher generated test Video Clips from Discovery Education Streaming Internet resources: www.edhelper.com , www.scilinks.org , www.go.hrw.com		

Time Period (Pacing – when)	State Assessment Correlations	Standards/ Components (Pacing – what)	Resources/ Activities (Pacing – how) Curricular Alignment	Date of Common Formative Assessment (Pacing – how well)	Mapping Comments (What works what needs adjustment)
2 nd 9 weeks		EN.8.B.1. Describing the eutrophication of water by industrial effluents and agricultural runoffs EN.8.B.2. Classifying sources of water pollution as point and nonpoint	Holt-Environmental Science Textbook Chapter 7 (pp175) Holt-Environmental Science Textbook Chapter 11 (pp284-292) Holt-Environmental Science Workbook Chapter 11 Holt –Environmental Science power point resource ARI strategies: Graphic organizers: give one get one, vocabulary map, t-chart Additional resources: teacher preference Assessments: Projects Teacher generated worksheets Teacher generated quizzes Teacher generated test Video Clips from Discovery Education Streaming Internet resources: www.edhelper.com , www.scilinks.org , www.go.hrw.com , www.epa.gov		

Time Period (Pacing – when)	State Assessment Correlations	Standards/ Components (Pacing – what)	Resources/ Activities (Pacing – how) Curricular Alignment	Date of Common Formative Assessment (Pacing – how well)	Mapping Comments (What works what needs adjustment)
2 nd 9 weeks		EN.12.B.1. Identifying endangered and extinct species locally, regionally, and worldwide	Holt-Environmental Science Textbook Chapter 10 (p245-251) Holt-Environmental Science Workbook Chapter 10 Holt –Environmental Science power point resource ARI strategies: read-talk-write Graphic organizers: 5Ws Additional resources: teacher preference Assessments: Teacher generated worksheets Teacher generated quizzes Internet resources: www.scilinks.org , www.go.hrw.com , www.wikipedia.org		

Time Period (Pacing – when)	State Assessment Correlations	Standards/ Components (Pacing – what)	Resources/ Activities (Pacing – how) Curricular Alignment	Date of Common Formative Assessment (Pacing – how well)	Mapping Comments (What works what needs adjustment)
2 nd 9 weeks		EN.12.B.2. Identifying causes for species extinction locally, regionally, and worldwide	Holt-Environmental Science Textbook Chapter 10 (p245-257) Holt-Environmental Science Workbook Chapter 10 Holt –Environmental Science power point resource ARI strategies: say something Graphic organizers: cause and effect Additional resources: teacher preference Review: jeopardy Assessments: Teacher generated worksheets Teacher generated quizzes Teacher generated test Internet resources: www.scilinks.org , www.go.hrw.com , www.wikipedia.org		

Time Period (Pacing – when)	State Assessment Correlations	Standards/ Components (Pacing – what)	Resources/ Activities (Pacing – how) Curricular Alignment	Date of Common Formative Assessment (Pacing – how well)	Mapping Comments (What works what needs adjustment)
2 nd 9 weeks	STANDARD 15. Identify biomes based on environmental factors and native organisms.	EN.7.B.1. Classifying biota of estuaries, marshes, tidal pools, wetlands, beaches, and inlets EN.7.B.2. Comparing components of marine water to components of inland bodies of water	Holt-Environmental Science Textbook Chapter 7 (pp173-185) Holt-Environmental Science Workbook Chapter 7 Holt –Environmental Science power point resource ARI strategy: vocabulary sort, think-pair-share Graphic organizers: list-group-label Additional resources: teacher preference Assessments: Teacher generated worksheets Teacher generated quizzes Teacher generated test Internet resources: www.edhelper.com , www.scilinks.org , www.go.hrw.com		