

2014-15 LESSON "SNAPSHOT"

Teacher's Name: C. Cooper

Course Title and Periods Taught: Biology A, 1st , 5th

Week of: December 15th

Unit Title: Population to Speciation

List daily lesson topic and Depth of Knowledge:	List learning target and briefly outline lesson activitys/agenda (related to Core Academic Standard):		
Monday: Lesson Topic: Ecology Test Review Critical Vocab: Ecology Unit Vocab	Agenda: I can recall and apply my knowledge of the Ecology Unit to review for my test. Procedure: <ol style="list-style-type: none"> 1. Bell Ringer 2. Go over Ecology Test Review Guide together 3. Reviews: quiz, quiz, trade with questions and vocabulary words 4. Reflection 	Bell Ringer: How does energy flow through the trophic levels? Be specific.	Reflection: What did I learn today?
Tuesday: Lesson Topic: Ecology Test Critical Vocab: Biodiversity; Ecosystem diversity; Species diversity; Genetic diversity; Endangered species; Biological magnification; Invasive species; Conservation	Agenda: I can recall and apply my knowledge of the Ecology Unit to successfully complete my test.. Procedure: <ol style="list-style-type: none"> 1. Quick review 2. Test 3. Guided Reading: Biodiversity Vocabulary and notes 4. Reflection 	Bell Ringer: No BR today: Test	Reflection: What did I learn today?
Wednesday: Lesson Topic: Biodiversity Critical Vocab: Biodiversity; Ecosystem diversity; Species diversity; Genetic diversity; Endangered species; Biological magnification; Invasive species; Conservation	Agenda: I can discuss the importance of biodiversity and the factors that affect it. Procedure: <ol style="list-style-type: none"> 1. Bell Ringer: 2. Biodiversity Activity 3. Guided reading: Biodiversity Vocabulary and notes 4. Lecture: Biodiversity (time permitting) 5. Reflection 	Bell Ringer: What is biodiversity?	Reflection: What did I learn today?

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<p><u>Thursday:</u></p> <p>Lesson Topic: Biodiveristy</p> <p>Critical Vocab: Biodiversity; Ecosystem diversity; Species diversity; Genetic diversity; Endangered species; Biological magnification; Invasive species; Conservation</p>	<p>Agenda: I can discuss the importance of biodiversity and the factors that affect it. I can describe how natural selection is related to species fitness.</p> <p>Procedure:</p> <ol style="list-style-type: none"> 1. Bell Ringer 2. Lecture: Biodiversity (if needed) 3. Guided reading: Speciation vocabulary and notes 4. Reflection 	<p>Bell Ringer: Discuss what happened in the biodiversity activity yesterday.</p>	<p>Reflection: What did I learn today?</p>
<p><u>Friday:</u></p> <p>Lesson Topic: Speciation</p> <p>Critical Vocab: Evolution, Theory, Fossil, Artificial selection, Fitness, Adaptation, Natural selection, Descent with modification, Homologous structure, Vestigial organ, directional selection, stabilizing selection, disruptive selection, genetic drift, founder effect, speciation, reproductive isolation, behavioral isolation, geographic isolation, temporal isolation</p>	<p>Agenda: I can describe how natural selection is related to species fitness. I can differentiate between homologous and analogous structures.</p> <p>Procedure:</p> <ol style="list-style-type: none"> 1. Bell Ringer 2. Guided reading: Speciation vocabulary and notes 3. Lecture: Speciation (time permitting) 4. Reflection 	<p>Bell Ringer: What is the definition of evolution?</p>	<p>Reflection: What did I learn today?</p>