

Ecology: 5/8 – 5/23

Unit Goal: Learn how living and nonliving parts of earth create a balanced system.

Unit Quiz: Tuesday, May 23rd – Open notes

Items in **bold** are on paper.

Page	Date	Goal & Materials
	M - 5/8	<p>How do the organisms in an ecosystem depend upon each other?</p> <ol style="list-style-type: none"> 1. K01 An Otterly Exciting Activity – Complete on your iPad and turn in on classroom.
104 & 105	T - 5/9 W – 5/10	<p>How are the nonliving portions of an ecosystem recycled endlessly?</p> <ol style="list-style-type: none"> 2. K02 Matter Cycle Introduction – attach to page 104 when complete. 3. K03 Biotic & Abiotic Notes (2:44) – take notes on page 105. 4. K04 Carbon & Oxygen cycle (2:51) – use the video to answer the questions on page 105. 5. K05 Matter Cycle Reading – (2p) Graphic organizer goes on page 105 as a flip-page when you finish.
106 & 107	R - 5/11 F – 5/12	<p>How does energy move throughout an ecosystem?</p> <ol style="list-style-type: none"> 1. K06 Balancing the Energy Budget – We will start learning this concept with a whole-class activity. Turn in on classroom when you finish. 2. K07 Energy Flow Reading (4p) – Graphic organizer goes on page 106. 3. K08 Energy Flow Notes (7:03) – take some notes on page 107.
108 & 109	M – 5/15	<p>What are limiting factors, and how do they influence population size?</p> <ol style="list-style-type: none"> 1. K09 Population Notes (1:22) –Take notes on page 109. 2. K10 Population reading (3p) –graphic organizer goes on page 108.
110	T - 5/16	<p>What relationships exist between organisms in an ecological community?</p> <ol style="list-style-type: none"> 1. K11 Communities Notes (2:40)–take notes on page 110. 2. K12 Communities Reading (3p) –graphic organizer goes on page 110.
111	W – 5/17	<p>How do apex predators shape their entire community?</p> <ol style="list-style-type: none"> 1. K13 How Wolves Change Rivers (4:34)– this is probably my favorite video I show you all year. This will give you an idea of the most important role in a community. 2. K14 Apex predator reading (5p) –graphic organizer goes on page 111.
112	R – 5/18	<p>What are the characteristics of earth’s major biomes?</p> <ol style="list-style-type: none"> 1. K15 Biomes Notes (1:46) – take notes on page 112. 2. K16 Biomes Reading (5p) – graphic organizer goes on page 112.
113	M - 5/22	<p>What are characteristics of aquatic ecosystems?</p> <ol style="list-style-type: none"> 1. K17 Aquatic Ecosystems reading (5p) – Attach the graphic organizer to page 113.
	T – 5/23	<p>What did I learn?</p> <p>Open Notes Quiz is today. We will use extra time in class to get make sure you have what you need for the final exam.</p>