

Monday	TLW:	Objective: Students will be able to describe the study of ecology. Students will analyze the flow of matter and energy through different trophic levels through food chains and webs. TEKS: 9D
		<p>Activities:</p> <ol style="list-style-type: none"> Warm-up: What is Ecology? Students will read some information about food chains, webs, and pyramids. Explain: The teacher presents information on food chains, webs, energy flow, and the 10% rule. Students record notes in their interactive notebooks in Cornell format. Elaborate: Students receive new food web cards that show the amount of energy at each trophic level. Students will make up their food webs and use new terms to describe their food web, such as primary, secondary, and tertiary consumer, and producer. The teacher checks each groups' food web before moving on. Evaluate: Students complete a short quiz with 2-3 released TAKS questions that focus on energy flow.
		Materials: Reading, Cornell Notes, Food Web Cards, Quiz
		Follow Up/HW:
Tuesday	TLW:	Objective: Students will be able to describe the study of ecology. Students will analyze the flow of matter and energy through different trophic levels through food chains and webs. TEKS: 9D
		<p>Activities:</p> <ol style="list-style-type: none"> Warm-up: Make a food web using at least 1 producer, 2 1st level consumers, 2 2nd level consumers, and at least 2 3rd level consumers. Food We b Analysis More Practice analyzing a food web. Review Homework
		Materials:
		Follow Up/HW: Test Wednesday/Thursday
Wednesday	TLW:	Objective: Students will be able to describe the study of ecology. Students will analyze the flow of matter and energy through different trophic levels through food chains and webs. TEKS: 9D Students will interpret interactions among organisms. TEKS 12B
		<p>Activities:</p> <ol style="list-style-type: none"> Quiz: Food Webs Symbiotic Relationships 5E <p>Engage- Students view a video clip showing a unique symbiotic relationship and discuss what interaction is occurring. (5min)</p> <p>Explore- Students rotate through lab stations with their lab groups to try and correctly identify symbiotic relationships (mutualism, commensalism, predation, parasitism) after viewing a picture and description of the relationship. (20min)</p> <p>Explain: The teacher explains each symbiotic relationship in detail and students will record notes on foldable notes sheet. (20 min)</p> <p>Elaborate: Students re-visit the previous examples of symbiosis and try to correctly classify each relationship. They also are given a new relationship to try and classify as one of the four types of symbiosis. (25min).</p> <p>Evaluate: Reflection in journals on the types of symbiosis.</p>
		Materials: Quiz, Symbiosis Cards, Projector, Foldable Notes
		Follow Up/HW:

Thursday	TLW:	Objective:
		Activities: Same as Wednesday
		Materials:
		Follow Up/HW:
Friday	TLW:	Objective: Students will interpret interactions among organisms. TEKS 12B
		Activities: <ul style="list-style-type: none"> 1. Warm-up: Analyze the effect that adding or removing a new species to a food web can have at different levels. 2. Relationships in an Ecosystem 3. Symbiotic Species Interactions-More practice/examples 4. Homework-Symbiotic Interactions
		Materials: Foldable Notes
		Follow Up/HW: