

Week of: 9/14-9/18

Teacher: Stewart

Subject: Biology

Monday	TLW:	Objective: Students compare the structures and functions of different types of biomolecules. TEKS: 9A
		Activities: <ol style="list-style-type: none">1. Warm-up: Questions about pH to review last Friday's pH lab.2. Lab Rubric: Students get back their interactive notebooks; look at grades from homework assignments and lab. Rubrics will explain the correct way to write up a lab report. Review homework assignments.3. Bonds: Ionic, Covalent, Hydrogen Bonds4. Biomolecules Lab5. Studysheet given to students to complete for homework.
		Materials: Interactive Notebooks, Lab Rubric
		Follow Up/HW: Test Wednesday/Thursday
Tuesday	TLW:	Objective: Students will be able to plan and safely implement investigative procedures, including asking questions, formulating testable hypotheses, identifying variables, conducting repeated trials, and selecting course specific, content-embedded equipment and technology. TEKS: 2A
		Activities: <ol style="list-style-type: none">1. Test Review
		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
		Activities: <ol style="list-style-type: none">1. Students are given 10 minutes to study for test.2. Test3. Ecology<ol style="list-style-type: none">a. What is Ecology? Prefix/suffix meaning, brainstormb. Engage- Video Clip (Battle at Kruger) -Predator/Prey example such as lion hunting gazelle. The students will discuss what happened in the clip and why the lion needs to eat the gazelle.c. Explore- Students work with pictures of organisms that make up a food web and try to create a food web on their lab tables. Arrows are included to show energy flow.
		Materials: Studysheet, Food web organism cards
		Follow Up/HW:

Thursday	TLW:	Objective:
		Activities: Same as Wednesday
		Materials:
		Follow Up/HW:
Friday	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
		Activities: <ul style="list-style-type: none"> 1. Warm-up: Students create their own food web using arrows that show the direction of energy flow. 2. 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. 3. 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. 4. Evaluate: Students complete a short quiz with 2-3 released TAKS questions that focus on energy flow.
		Materials: Food web organism cards, quiz
		Follow Up/HW: