

Week of: April 28- May 2

Note: Material covered in class takes precedence over these lesson plans.
Lesson plans are subject to modification based on the students' needs.

Monday	<u>Objectives:</u> <ul style="list-style-type: none"> • Calculate the heat of reaction for a chemical equation • Determine whether reactions are spontaneous or non-spontaneous
	<u>Activities:</u> <ol style="list-style-type: none"> 1) TAKS Warm-up 2) Thermodynamics Test 3) TAKS Formula Chart Assignment
	<u>Follow Up/HW:</u>
Tuesday	<u>Objectives:</u> <ul style="list-style-type: none"> • Explain the movement of heat through solids, liquids, and gases by convection, conduction, and radiation • Explain the structures and functions of nucleic acids in the mechanisms of genetics
	<u>Activities:</u> <ol style="list-style-type: none"> 1) TAKS Warm-up 2) Grade TAKS Formula Chart Assignment 3) TAKS Assignment: Biology Worksheet
	<u>Follow Up/HW:</u>
Wednesday/Thursday	<u>Objectives:</u> <ul style="list-style-type: none"> • Investigate and identify properties of fluids including density, viscosity, and buoyancy • Compare the structures and functions of viruses to cells and describe the role of viruses in causing diseases and conditions
	<u>Activities:</u> <ol style="list-style-type: none"> 1) TAKS Warm-up 2) Density Activity 3) Virus Activity
	<u>Follow Up/HW:</u>
Friday	<u>Objective:</u> <ul style="list-style-type: none"> • Evaluate the impact of research on scientific thought, society, and the environment
	<u>Activities:</u> <ol style="list-style-type: none"> 1) Warm-up: Kinetics 2) Article Review Assignment
	<u>Follow Up/HW:</u> Read Chapter 19