

Week of: April 7- 11

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"> • To calculate Enthalpy, Entropy, and Gibb's Free Energy for a chemical reaction. • To explain the relationship between enthalpy, entropy, and Gibb's Free Energy
	<u>Activities:</u> <ol style="list-style-type: none"> 1) TAKS Warm-up: Nature of Science 2) TAKS Quiz: Biology Concepts 3) Test Review Sheet: Thermodynamics
	<u>Follow Up/HW:</u> Study for Thermodynamics Test
Tuesday	<u>Objectives:</u>
	<ul style="list-style-type: none"> • To calculate Enthalpy, Entropy, and Gibb's Free Energy for a chemical reaction. • To explain the relationship between enthalpy, entropy, and Gibb's Free Energy
	<u>Activities:</u> <ol style="list-style-type: none"> 1) TAKS Warm-up: Nature of Science 2) Test Review
	<u>Follow Up/HW:</u> Study for Thermodynamics Test; Bring textbooks to class tomorrow!
Wednesday	<u>Objectives:</u>
	<ul style="list-style-type: none"> • To explain what is meant by the rate of a chemical reaction • To explain how the rate of a reaction is influenced by the reaction conditions
	<u>Activities:</u> <ol style="list-style-type: none"> 1) TAKS Warm-up: Genetics 2) Thermodynamics Test 3) Text Assignment: Rate of Reaction
	<u>Follow Up/HW:</u> Read Section 19.1 (pp. 532-538) and answer questions 1-5 of Section Review 19.1 on page 538
Friday	<u>Objective:</u>
	<ul style="list-style-type: none"> • To explain how the rate of a reaction is affected by temperature, particle size, concentration, and catalysts
	<u>Activity:</u> <ol style="list-style-type: none"> 1) TAKS Warm-up: Genetics 2) Rate of Reaction Lab
	<u>Follow Up/HW:</u> Post-Lab is due Monday