

Chemistry Lesson Plan

Topic	Reaction Rates
Lesson Title	Measuring Reaction Rates
Lesson Number	6-3 b
Next Generation Science Standards:	<ul style="list-style-type: none"> • HS-PS1-4. Develop a model to illustrate that the release or absorption of energy from a chemical reaction system depends upon the changes in total bond energy. • HS-PS1-5. Apply scientific principles and evidence to provide an explanation about the effects of changing the temperature or concentration of the reacting particles on the rate at which a reaction occurs. • HS-PS1-6. Refine the design of a chemical system by specifying a change in conditions that would produce increased amounts of products at equilibrium.
Learning objectives:	<ul style="list-style-type: none"> • Interpret data from reaction rate investigations
"I can" statement:	<ul style="list-style-type: none"> • I can present data as tables and graphs and use them to discuss reaction rates
Prior Knowledge:	
<ul style="list-style-type: none"> • Reaction rates • Methods to collect reaction rate data 	
Summary of Activities:	
<ol style="list-style-type: none"> 1. Distribute and complete bell ringer activity. 2. Discuss guided notes and slideshow, with students. 3. Doodle notes 4. Exit quiz 	
Additional Resources:	
<ul style="list-style-type: none"> • Measuring Reaction Rates – YouTube Clip 	
Homework:	
Homework task	
Assessment:	
<ul style="list-style-type: none"> • Bell work • Assignment/Lab project • Exit quiz • End of unit review 	