

Chemistry Lesson Plan

Topic	Changes in Matter
Lesson Title	Physical and Chemical Change
Lesson Number	1a
Next Generation Science Standards:	<i>HS-PS1-4.</i> 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. <i>HS-PS1-5.</i> 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.
Learning objectives:	<ul style="list-style-type: none">• Describe chemical change with examples and properties
"I can" statement:	<ul style="list-style-type: none">• I can explain the chemical changes that occur in matter.
Prior Knowledge: <ul style="list-style-type: none">• What is matter?• State of matter	
Vocabulary: Reactants, products, combustion, chemical bond, rusting, sublimation	
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. Vocabulary worksheet or doodle notes4. Exit quiz	
Additional Resources: <ul style="list-style-type: none">• Online lessons on Chemical Change• YouTube clips on Chemical Change, Combustion and Examples of Chemical Change	
Homework: Homework task	
Assessment: <ul style="list-style-type: none">• Bell work• Assignment/Lab project• Exit quiz• End of unit review	