# Chemistry Lesson Plan

<table>
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<th>Topic</th>
<th>Changes in Matter</th>
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<tbody>
<tr>
<td>Lesson Title</td>
<td>Physical and Chemical Change</td>
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**Next Generation Science Standards:**

- **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.

**Learning objectives:**

- Describe physical change with examples and properties
- I can explain the physical changes that occur in matter.

**Prior Knowledge:**

- What is matter?
- What is chemical change?

**Vocabulary:**
Reactants, products, combustion, chemical bond, rusting, sublimation

**Summary of Activities:**

1. Distribute and complete bell ringer activity.
2. Discuss guided notes and slideshow, with students.
3. Vocabulary worksheet or doodle notes
4. Exit quiz

**Additional Resources:**

- Online lessons on Physical and Chemical Change
- YouTube clips on Physical and Chemical Change

**Homework:**
Homework task

**Assessment:**

- Bell work
- Assignment/Lab project
- Exit quiz
- End of unit review