Classification of Matter
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Your names (2 people)___________________________________ Period___

Grade

<table>
<thead>
<tr>
<th>Application of Knowledge</th>
<th>Mastery of Knowledge</th>
<th>College Work habit</th>
</tr>
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You must have the following for your presentation

- **Some type of visual representation** *to help you teach the lesson* (you can choose one of the following or choose a different idea)
  - PowerPoint
  - Poster
  - Video (*made by you*)

- **A handout for students** *to help students understand the lesson you are teaching*
  - Note sheet (like my guided notes)
    - or
  - Worksheet with the information you covered that students
    - or
  - Something else that will keep students engaged

- **Engaging Activity**
  - An engaging activity that will help the students learn
  - Worksheet that will help reinforce what you taught

Holt- Chemistry Book
Your presentation must include the following

Define Key Terms and provide example

- atom
- pure substance
- elements
- molecule
- compound
- mixtures
- homogenous mixture
- heterogeneous mixture
- solubility
Density
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Holt- Chemistry Book
Your presentation must include the following

**Define Key Terms and provide example**
- Density
- Physical Property
- Chemical Properties

**Formula For Density (page 16)**

**Provide examples of different substances and their density.**
Mass vs. Volume
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**Holt- Chemistry Book**
Your presentation must include the following

**Define Key Terms and provide example**
- Matter
- Volume
- Mass
- Weight

**SI BASE Units**
- Talk quantity, symbol, unit, abbreviation (page 12)
- Talk about prefix, abbreviation, exponential multiplier, meaning (page 13)

**How to Convert Units from one unit to another** (page 13)
What is an Atom?
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**Holt- Chemistry Book**
Your presentation must include the following

**Define Key Terms and provide example**

- Electron
- Nucleus
- Neutrons
- Proton
- Atomic #
- Atomic Mass / Mass number
- Isotopes

**Use the periodic table to determine the atomic number, electrons, neutrons, protons.**
What is Matter?
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Your presentation must include the following

**Define Key Terms and provide example**

- Chemical
- Chemical reaction
- States of matter
  - Solid
  - Liquid
  - Gas

**How Does Matter Change?**

- Physical Change
- Chemical Change
  - Reaction
  - Product


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