

Classification of Matter
Don't lose this paper!

Your names (2 people) _____ Period _____

Grade

Application of Knowledge	Mastery of Knowledge	College Work habit
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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)

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**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.

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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**