

Name: _____ Date: _____ Class: _____

CP Matter & Motion Study Guide: Chapter 2.1 & 2.2

You must review the following topics. These topics are covered in our class notes, labs, homework and textbook. If you need help, please come see me this week during Freshman Seminar or after school.

Blue Classes: Test on Friday.

White Classes: Test on Thursday.

- What is Chemistry
- What is Matter
- What is an Element / Atom / Molecule / Compound
- What is a chemical formula and how do you write it
- Mixtures: Homogeneous / Heterogeneous / Miscible / Immiscible / Solutions / suspensions / colloids / tyndall effect / what you learned from the lab
- Viscosity: High vs. Low; what you learned from the lab
- Kinetic Theory (use what you learned in kinetic lab)
- Four States of Matter (explain what the molecules are doing in each)
- Energy: what it is and how does it work?
- Energy & Matter Changes: condensations / evaporation / freezing / melting / sublimation
- Law of conservation of mass
- Law of conservation of energy

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