

Phases (States) of Matter LC

~Study Guide~

I have:

GENERAL:

- Read this study guide
- Made flash cards of all vocab words
- Labeled which Vocab words from the flash cards are tricky for me
- Stayed for extra help (or I will)

C.17 Understands the properties and types of solids, liquids, and gases

Solids

- 1) **VOCABULARY:** solid, crystalline, amorphous
- 2) Shape
- 3) Volume
- 4) Particle arrangement (density)
- 5) Particle movement
- 6) Energy
- 7) Compare & contrast to other phases

Liquids

- 1) **VOCABULARY:** liquid, viscosity
- 2) Shape
- 3) Volume
- 4) Particle arrangement (density)
- 5) Particle movement
- 6) Energy

Gases

- 1) **VOCABULARY:** gas
- 2) Shape
- 3) Volume
- 4) Particle arrangement (density)
- 5) Particle movement
- 6) Energy
- 7) Compare & contrast to other phases

C.18 Identifies and explains phase changes

Phase Changes

- 1) **VOCABULARY:** Melting, freezing, vaporizing, boiling, evaporation, condensing
- 2) Label Phase change diagram

C.17 Understands the properties and types of solids, liquids, and gases

- Reviewed the Phases Powerpoint (file #37 on website)
- Looked at the Phases Reading outline (Notability – file #32)
- Looked at my Phases Notes Chart (Notability – file #37A)
- Check out my States of matter mini check (paper from class)
- Make my own States of Matter Explain everything – file #38
- Played States of matter Quiz (button #41 on website)

C.18 Identifies and explains phase changes

- Reviewed the Phase Changes Powerpoint (file #40 on website)
- Played the Phase Change Quiz (button #42 on website)
- Looked at my Phase Change Diagram (Notability – file #44)
- Looked at my Phase Change HW sheet with definitions (Notability – file #39)