

Name: _____

Section: _____

States/Phases of Matter Video - Research

As you and your group begin this assignment it will be necessary for you to gather information about the assigned state/phase. The information you gather can range from definitions to examples to visuals, but this should first be accomplished by searching databases (Facts on File and Ebsco host) and educational search engines such as Destiny's WebPath Express. Additionally, using the techniques discussed earlier in the year, you should perform a general internet search for more information. Please consider the following as you begin to research the assigned state/phase:

- What is a general definition describing the state/phase of matter?
- Does the state/phase have definite volume and shape?
- How close are the particles (atoms, ions, molecules) to each other and how strong are the forces holding them together?
- How do the particles in the state/phase move?
- What is the energy level of the particles when comparing them to the other states/phases?
- How would all of the particles of a substance in the state/phase behave relative to each other?
- What are some real-life examples of matter in the state/phase?
- What is the name of the process (or processes) that occurs when matter in the state/phase changes to other states/phases?
- Any other interesting information about the state/phase.

Be sure to cross-reference and cite all resources! Once you have gathered as much information as possible on the assigned state/phase, you will compile any helpful information on the group's wiki page.