Phase Changes Study

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Core: \_\_\_\_\_\_\_\_\_\_\_\_\_

**Directions:** For the next two weeks, we will be continuing our study of **matter**. To do this, we will be doing a Jigsaw. This means that you will have two different groups- a *home* group and an *expert* group. You will be creating a presentation for the class with your home group as our first major grade for this year. Each home group will break up for their research and meet with an *expert* group. Each group of experts will be studying something different to bring back and share with their home group. I promise it sounds much more confusing than it is!

**Home group: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Expert Group: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

1. 1.

2. 2.

3. 3.

4. 4.

5. 5.

6. 6.

**Our schedule:**

Tuesday, Wednesday, and Thursday: Research with “Expert” group

Friday: Meet & Teach with “Home” group

Monday, Tuesday, Wednesday: work with “Home” group on presentations

Thursday, Friday: Presentations to the class

**Description of Expert Groups:**

*Techies-*  This group will go through the interactives on the website: [www.middleschoolchemistry.com/lessonplans/chapter2/lesson5](http://www.middleschoolchemistry.com/lessonplans/chapter2/lesson5)

*Researchers*- This group will go through multiple books pulled from the Media Center.

*Journalists*- This group will be collecting data from various articles pulled from different online resources.

*Analysts*- This group will be working through interactives on websites like Discovery Ed. <http://app.discoveryeducation.com/player/view/assetGuid/FDA36299-1E8C-4EFE-AA93-72F7C83931AF> <http://app.discoveryeducation.com/search?Ntt=&N=18342&N=4294924486>

*Scientists*- This group will be exploring websites and watching videos to develop a better understanding of matter. <http://www.chem4kids.com/files/matter_changes.html> <http://www.chem4kids.com/files/matter_changes2.html>

When you get into your Expert groups, you will need to assign roles to each of your members so that everyone is responsible for part of the work. The roles that you will need to choose from are:

**Leader:** This person is responsible for making sure everyone in the group is doing their job and staying on-task. By the end of the class Thursday, they need to make sure that everyone in the group has the same information to share with their home groups on Friday.

**Word Wizard:** This person is responsible for searching for key concepts and important vocabulary.

**Note-Taker:** This person needs to keep track of the most important notes the team comes up with. They should have neat and quick hand-writing in case someone missed an important note.

**Question Master:** This person is in charge for keeping track of and asking questions to the teacher.

**Supply Manager:** This person is in charge of gathering and replacing any supplies used during the research.

**Notes: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**