

Phase Change Lab: Part 2

Name: _____

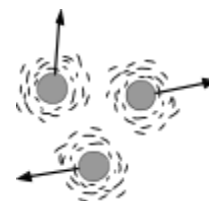
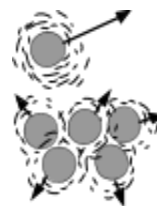
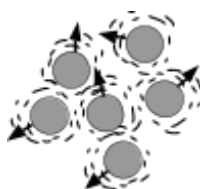
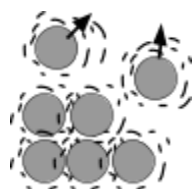
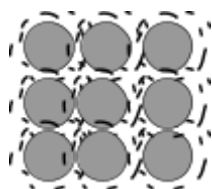
Purpose: To understand the behavior of molecules in each **phase** of matter.

To understand the behavior of molecules **during** a phase change.

To understand the **phase change graph** of any substance.

Your job is to record the temperature in one minute intervals of a sample of Stearic Acid (starting in the liquid phase) that is allowed to cool for a total of 20 minutes.

You will be filling in the data table below as you go along. You may **copy and paste** the following phase or phase change pictures to enter in the phase model column of the data table.



Here is the video of the STEARIC ACID phase change lab data and Graphing:

<https://www.youtube.com/watch?v=0GzdsCjLX5E>

Time (min)	Temperature (°C)	Phase	Particle Model	Observations
0				
1				
2				
3				
4				
5				
6				
7				

8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				

Add your digital or a picture of your hand drawn graph below.