

**Due Date:** Friday, March 9 (A Day)/ Monday, March 12 (B Day)

**Objective:** Create a graphic organizer to display the concepts that interact in the Kinetic Molecular Theory. Your graphic organizer should clearly and accurately show the relationships and interactions between terms and ideas. Points will be awarded for accuracy and creativity. Your graphic organizer should contain all of the following terms but you should add definitions, descriptions, and connecting words as you see fit. The terms may also be used as descriptors, and may be used more than once.

|                |              |           |               |               |
|----------------|--------------|-----------|---------------|---------------|
| Solid          | Liquid       | Gas       | Melting       | Freezing      |
| Molecules      | Vaporization | Matter    | Faster        | Slower        |
| Condensation   | Sublimation  | Moving    | Energy        | Increase      |
| Temperature    | Decrease     | Phases    | Change        | Slower        |
| Volume         | Pressure     | Particles | Melting Point | Boiling Point |
| Freezing Point | States       | Kelvin    | Inverse       | Direct        |

**Grading Rubric**

|                                | 0 points   | 5 points  | 8 points  | 10 points  |
|--------------------------------|--|---|---|--|
| Terms                          | 19 or less terms are present                           | 20-24 terms are present                                 | 25-29 terms are present                                 | All terms are present                                  |
| Relationships/<br>Interactions | Few relationships between terms are clear and accurate | Some relationships between terms are clear and accurate | Most relationships between terms are clear and accurate | All relationships between terms are clear and accurate |
| Creativity/Effort              | Project is not at all creative                         | Project is somewhat creative                            | Project is moderately creative                          | Project is very creative                               |
| Due Date                       | ----   | ----  | Project is turned in by deadline                        | Project is turned in on the due date                   |

Final Grade: \_\_\_\_\_ / 40 points