|  |  |  |
| --- | --- | --- |
| ***Lab: How do moving particles do at different temperatures?***East HS chemistry Mr. Genest |  **2.3**  | **Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_****Period \_\_\_\_\_\_\_\_\_\_ Unit\_\_\_\_\_\_\_\_\_** |

1. Open a browser, such as Google Chrome Click on the link: http://phet .colorado.edu/en/simulation/states-of-matter-basics OR from Google, search PHET STATES OF MATTER
2. Click on States of Matter: Basics
3. Once you see the simulation screen shot, click “Run Now!”



Explore(10 minutes)

Take 10 minutes to freely explore the simulation. List five things you discover.

1)

2)

3)

4)

5)

|  |  |  |  |
| --- | --- | --- | --- |
|  | **NEON** |  |  |
|  | **Solid** | **Liquid** | **Gas** |  |  | **What is the temperature when solid changes to liquid?**  | **What is the temperature when liquid changes to gas?** |
| **Shape of the glop of matter** |  |  |  |  | neon |  |  |
| **Space between atoms** |  |  |  |  | argon |  |  |
| **Describe the motion of the atoms**  |  |  |  |  | oxygen |  |  |
| **Draw a picture**  |  |  |  |  | water |  |  |