

Name _____

Date _____

Hour _____

States of Matter Simulation

<http://phet.colorado.edu/en/simulation/states-of-matter-basics> .

Click on the “Solid, Liquid, Gas” tab and explore what happens as you switch among the states for each type of particle.

Step 1: Using the simulation, **draw a model to represent each substance when they are at the three states of matter: solid, liquid, and gas.**

Substance	Solid	Liquid	Gas
Neon			
Argon			
Oxygen			

What do you notice about the particles of all the substance when they are in the following states? Write a brief description of the particles.

Solid

Liquid

Gas