

Name \_\_\_\_\_

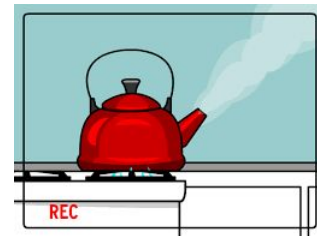
Science-Matter on the Move

Date \_\_\_\_\_

Student # \_\_\_\_\_

*BrainPop* "States of Matter"

Answer each question while watching the video.



1. Matter is anything that takes up space.
2. Each water molecule is made up of two hydrogen atoms and one oxygen atom.
3. Draw the particles in a liquid in the first box and list characteristics of a liquid on the right.

	<ul style="list-style-type: none"> <li>• packed pretty close together</li> </ul>
	<ul style="list-style-type: none"> <li>• not arranged in any kind of rigid structure</li> </ul>
	<ul style="list-style-type: none"> <li>• slide past one another pretty regularly</li> </ul>
	<ul style="list-style-type: none"> <li>• have a fixed volume, but no fixed shape</li> </ul>

4. Draw the particles in a gas and list their characteristics.

	<ul style="list-style-type: none"> <li>• particles get excited</li> </ul>
	<ul style="list-style-type: none"> <li>• start moving around a lot faster</li> </ul>
	<ul style="list-style-type: none"> <li>• get farther and farther away from one another</li> </ul>
	<ul style="list-style-type: none"> <li>• gases don't have a fixed volume or shape</li> </ul>

5. Draw the particles in a solid and list their characteristics.

	<ul style="list-style-type: none"> <li>• particles don't move around as much, vibrates</li> </ul>
	<ul style="list-style-type: none"> <li>• locked into a pretty rigid structure</li> </ul>
	<ul style="list-style-type: none"> <li>• have a definite shape</li> </ul>
	<ul style="list-style-type: none"> <li>• have a definite volume</li> </ul>

6. Colloids are mixtures that contain two separate phases of matter, such as butter, Jello and paint.
7. Every star in the sky is made up of plasma.