

## Chemistry: Matter Self-Discovery

- 1) *IN YOUR OWN WORDS*, define **matter**:
  
- 2) Research online to find a good definition of **mass**.
  
- 3) Research online to find a good definition of **volume**.
  
- 4) Rewrite the definition of **matter** using the information you found for questions #2 and #3 and draw a picture of something that makes you think of matter.
  
- 5) Give an example of an object that would have a **large mass**, but a **small volume**.
  
- 6) Give an example of an object that would have a **small mass**, but a **large volume**.
  
- 7) Using your prior knowledge as well as any other informational sources, complete the chart below:

	<b>Solid</b>	<b>Liquid</b>	<b>Gas</b>
<b>Volume</b> (definite or indefinite)			
<b>Shape</b> (definite or indefinite)			
<b>Arrangement of Particles</b> (Description and Diagram)			

