**Matter Webquest**

Use the website <http://www.chem4kids.com/files/matter_intro.html> to help you answer the questions below.

1. What is matter?
2. What is mass?
3. How many total states of matter have scientists discovered?
4. What makes a state of matter?
5. What is the difference between a physical change and a chemical change?

***“States of Matter”***

Now you will watch a video called “States of Matter.” Answer these questions as you watch the video. You may choose to watch it one time and then go back through it a second time to answer the questions. Additionally, you may pause the video at any time by hitting the pause button. (<http://www.youtube.com/watch?v=HAPc6JH85pM>)

1. How many states of matter are there?
2. What does glass look like when it arrives at a glass factory?
3. When glass is put into the hot furnace, what happens to it?
4. Why do things get gooey and stretchy?
5. How hot is the furnace at the glass factory?
6. How far can the blob of hot glass stretch?
7. Why does the glass turn solid and break?
8. What happens when the molecules are hot?
9. What happens as the molecules cool down?