Solids, Liquids, and Gases Graphic Organizer

Over the last several days, you have been exposed to a lot of information about solids, liquids, and gases. Your job now is to take the information that you just learned and place it in a graphic organizer. Follow the steps below when making your graphic organizer.

Step 1 – Using the list below, identify each piece of information as being a characteristic of a solid, liquid, or gas. Simply type solid, liquid, or gas next to each characteristic.

1. Orderly arrangement of particles at the atomic level
2. Particles are never at rest
3. Definite shape
4. Somewhat orderly arrangement of particles at the atomic level
5. Constant “tug of war” between constant motion of particles and attraction between particles
6. Takes the shape of its container
7. Attractions between the particles do affect the movement
8. Strong attractions restrict the motion of the particles
9. Motion of particles are unaffected by each other unless they colloid
10. Forces of attraction can be ignored
11. Definite volume
12. Takes the volume of its container
13. Particles are more closely packed than the particles in a gas
14. Takes the shape of its container
15. Definite volume
16. Particles vibrate around a fixed location
17. Particles will never change places with its neighbor
18. Random arrangement of particles at the atomic level

Note – Each state of matter has 6 pieces of information to go along with it.

Step 2 – Stop. Get these checked by Mr. B before moving on.

Step 3 – Create your graphic organizer. I do not care what your graphic organizer looks like, as long as it is logical, illustrates the differences between the 3 states of matter, and makes sense to you. Go to Mr. B’s website to see some examples of what a graphic organizer could look like. You can make this on Google Slides or Google Docs.

Step 4 – Upload this assignment into Edmodo using the following steps.

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