



6th Grade Science Work for March 15-19, 2021

This week, we continue our study of chemical and physical properties. We will now focus on density. This unit can be a bit daunting for students since it involves the use of math. It is an interesting transition for students because they begin to explore the interconnection between science and math. Students also begin to understand the chemical make up of matter and understand the wide variety of materials that exist in the universe.

What you need to know:

☐ **Vocabulary**

- Cubic Centimeter (cm³) – A metric unit of volume equal to a milliliter.
- Density – The amount of matter in a given space or volume.
- Displacement – A procedure used to measure the volume of a solid object by placing it in a known amount of liquid and finding the difference in the liquid volume measurements before and after.
- Gram (g) – A basic metric unit of mass.
- Mass – A measure of how much matter is present in a substance.
- Matter – Anything that has volume and mass.
- Milliliter (mL) – A metric unit of measurement used to measure volumes of liquid.
- Physical Property – A characteristic that can be observed or measured without changing the substance.
- Relative Density – The comparison of the density of one material as it relates to another; frequently, the comparison is to density of water.
- Volume – A measure of the space that matter occupies.

This week, students are expected to complete the following assignments:

Microsoft Teams:

- ☐ Density Power Point (Monday)
- ☐ Density Practice Problems (Tuesday) ****ASYNCHRONOUS****
- ☐ Archimedes Principle Reading (Wednesday) ****ASYNCHRONOUS****
- ☐ Volume Dispersion Virtual Lab (Thursday and Friday)

Nearpod:

- ☐ Monday Warm-Up
 - CODE: **2QAHT**
- ☐ Thursday Warm-Up
 - CODE: **CAPBR**
- ☐ Friday Warm-Up
 - CODE: **5DEVK**

