

Dr. V's 630's Science Weekly Summary

Week of November 6th 2017

Monday November 6th: Students reviewed the different tools that we use in science to measure volume (graduated cylinder [ml]), distance (metric ruler [cm]), and mass (triple beam balance [g]). We modeled how to determine the volume of a rectangular prism using the mathematical approach of $V = \text{Length} \times \text{Width} \times \text{Height}$. Looking at an irregular object such as a rock, we agreed that measuring the dimensions would be difficult. Using the example of a full bathtub, we imagined what would happen when you stepped into a full tub. Students seemed to understand that the amount of water that would spill out would be equal to the volume of the body parts that are under the water. We then talked about how to use a graduated cylinder to measure the volume of an object using the graduated cylinder.

Tuesday November 7th: Early release day. Students were introduced to the measurement lab data collection form sent to them in GC. Student took the "Pop" quiz during the short (24 min) period.

Wednesday November 8th: Students carried out the measurement lab in groups of 2 or 3 students. Each student was responsible to record their own data. Students were explicitly told to rotate who used the triple beam balance or the graduated cylinders after each object.

Thursday November 9th: Early release day. Students were given the chance to complete objects that they did not complete yesterday to help them attain a higher grade on the measurement lab. We reorganized how the items were organized and provided bonus items for those that finished early.

Friday November 10th: Veteran's day holiday

