

Dr. V's 630's Science Weekly Summary

Week of October 30th 2017

Monday October 30th: Students reviewed the homework from the weekend. We reviewed most of the answers together in class. Students were then reminded that a new Quizlet has been posted to help them review their metric units. Before the students left they answered several questions on paper - students were not told this was an exit ticket and many assumed it was the "Pop Quiz".

Tuesday October 31st: Students received their graded exit ticket back. This will not count towards their grades, however it is a good indication of how well they know the metric system and how to convert between units. We then had students create their own metric conversion questions and had other students answer these questions. If time permitted several students each tried the questions and if answers did not match we worked together in class to figure out whose answer was correct and how the incorrect answer may have occurred. Students were asked to get their exit ticket signed by a parent for 10 bonus point if they return it on Thursday. Have a happy and safe Halloween.

Wednesday November 1st: Students have no school.

Thursday November 2nd: Students were grouped together to visit several stations, either volume measurement stations (three graduated cylinders) or mass stations (two graduated cylinders and a mystery item). Students and their groups had 3 minutes at each station and recorded their measurements in the Google doc. Students did not visit all 6 stations.

Friday November 3rd: Students entered their data into a shared Google Sheet. We talked about the range of their data and compared the various values that students recorded. We introduced the way to most accurately use the graduated cylinder and talked about the meniscus that liquid forms in a container. We also demonstrated how to use the triple-beam balance. Using the three metal density balls, we compared the mass for the Ball A, B and C. Students were asked to think about why the smallest ball (Ball C) feels so heavy even though it was only 0.5 g heavier than Ball A, while Ball B was the heaviest 50 g heavier than Ball A.