

## Dr. V's 630's Science Weekly Summary

### Week of October 2nd 2017

Monday October 2nd: Students started the Helicopter lab. We walked through how to cut out and construct our paper helicopter. Students spent time testing out different methods of dropping their helicopter as well as different changes to their helicopter. Students worked in pairs and spent half their time observing the flight path of their partners helicopter. Students worked on the lab questions which we will discuss in class tomorrow. We briefly discussed some of the new vocabulary terms including variables.

Tuesday October 3rd: Students participated in our first PearDeck slidedeck. We introduced several new terms that will appear in Quizlet tonight related to the Scientific Method and we tied them to our Helicopter Lab. Students were then given the rest of the class to complete the questions for the Helicopter lab and test out any modifications to their Helicopter that they wanted to do. The lab is due today by 3 pm.

Wednesday October 4th: Students identified the meaning of the words quality and quantity and we modeled the correct spelling for qualitative and quantitative. Students provided examples of different types of observations and identified if they were numerical or non-numerical. Students then worked on their Helicopter lab analysis assignment in GC. Most students finished during class, those that did not did so for homework. Students have a vocabulary quiz on Friday to review the 15 words we currently have in our quizlet.

Thursday October 5th: Scientific method lesson: Students worked in groups of 2 or 3 to decide how the steps of the scientific method should be ordered. We then discussed the order as a class and students took a picture with their ipads of their first attempt and the final layout. The order we agreed upon starts with an Observation, followed by identifying a problem, making a question, researching the known, creating a hypothesis, running the experiment, recording results, reflecting on the results (conclusion), sharing results with the scientific community (collaborating). All these steps are connected by the central idea that questions should be asked throughout the process.

Friday October 6th: Students took their first vocabulary quiz. Any students that missed the quiz should contact me to arrange to either come in early on Monday 7:45 am or see me immediately after school on Monday to complete their quiz. We reviewed the steps of the Scientific Method and students were introduced to the structure we will use in 6th grade to write a testable hypothesis (If.....independent variable.....then.....dependent variable...). We will continue to work on identifying independent and dependent variables as well creating testable hypotheses next week.