

Dr. V's 630's Science Weekly Summary  
Week of March 26th 2018

**Monday Mar 26th:** Students had their Macromolecule foldables checked for completeness. This was part of the classwork/homework from last week that was assigned on Thursday. Students were then assigned a new GC assignment. We reviewed the importance of the various macromolecules and listed their functions, why they are important and ensured that even those that did not complete their homework had heard about the Proteins, Carbohydrates, Lipids and Nucleic Acids.

**Tuesday Mar 27th:** Students were given the class to work on their Cellular Transport GC assignment. Students were reminded that this work was due on Thursday morning. This assignment included a foldable. I had a model of the foldable and student was reminded to create this and include their name on the back before the class ended.

**Wednesday Mar 28th:** Museum of Science Field Trip

**Thursday Mar 29th:** Students showed their completed work and were reminded that if they wanted to earn partial credit on Monday's Macromolecule foldable today was the last day to do so. Students were given credit for completing the questions and tasks associated with the GC assignment on Cellular Transport. Students were told that if they did not finish this assignment they could earn partial credit if it was completed by Monday. We reviewed part of the cellular transport packet and discussed the importance of the Surface area to volume ratio. We modeled cells that were  $1 \text{ mm}^3$ ,  $8 \text{ mm}^3$ ,  $27 \text{ mm}^3$ ,  $216 \text{ mm}^3$  and we noticed that as the volume increases the surface area does not increase as quickly. This means that as the cell grows the amount of surface for transportation of substances goes down, making it harder to take in and send out materials.

**Friday Mar 30th:** No School