

## **Biochem II Paper Assignment.**

1) Identify two potential papers (subject announced in class). Print and submit each paper in class for review/approval by instructor.

2) Using the paper and the process learned in class using the PEPCK paper studies answer the following questions.

- What is the big picture aspect of the work? (5 points)
- Identify 2-3 critical background references and HOW they impact the paper you are reviewing. (5 points)
- Create a mini-mind map of the introduction relating the big picture with the central hypothesis and general experimental approach. (5 points)
- Describe the most important method used in the paper and in YOUR words, describe 1) the method, 2) what that method examines and 3) the controls of the method. (10 points)
- Identify and interpret the critical experiments that test the hypothesis. (10 points)
- Outline the major conclusions and RELATE each to the results and the (10 points) discussion section for that conclusion.
- What did you learn from this paper. (5 points)