

Egg/Cell “Osmosis” Lab

Prepare Lab Report

You will prepare a mini-lab report with the sections listed below. *See the Grading Rubric below to find out what to include for each section.* Complete sentences, correct spelling, grammar and NEAT (type it if necessary) are expected. Label each section with the team member responsible for that section.

Introduction (Hypothesis only)

Procedures: List of steps (include who did what)

Results: Data Table Only

Discussion: Answer Questions

- a. Did your data support or refute your hypothesis?
- b. What evidence/explanation do you have for this decision?
- c. Indicate whether each solution (water, syrup) was hypertonic/hypotonic/isotonic and explain why.

Grading:

The following criteria will be used to evaluate your lab:

Criteria	Points Possible
Introduction State Hypothesis only <ul style="list-style-type: none"> • If-then statement • Directly relates to experiment • Includes prediction for both solutions • Testable • Full sentence, proper spelling/grammar 	30
Results Data Table only <ul style="list-style-type: none"> • Properly set up • Data included for both groups 	20
Discussion <ul style="list-style-type: none"> • Hypothesis supported or refuted • Explanation/evidence: why hypothesis was supported/refuted • Indicate whether each solution (water, syrup) was hypertonic/hypotonic/isotonic and explain why. • Paragraph format, proper spelling/grammar 	40
Format <ul style="list-style-type: none"> • NEATNESS!!!!!!!!!!!!!!!!!!!!!! 	10
TOTAL	100