

Egg-Speriment Grading Rubric

	4	3	2	1
Collecting & Recording Data using a table (2 pts)	Collects and keeps accurate, complete records of observations and measurements for each day for at least 5 different liquids.	Collects and keeps satisfactory records of observations and measurements for each day for at least 4 different liquids.	Collects and keeps a partial record of observations and measurements for each day for at least 3 different liquids.	Fails to keep satisfactory record of observations and measurements for each day for the different liquids.
Graphing the data using excel spreadsheets (10 pts)	Constructs a high-quality graph of the measurements, includes a clear representation of liquids used, appropriate title and labels, graph completed in excel.	Constructs a satisfactory graph of the measurements, with a representation of liquids used, appropriate title and labels, graph completed in excel.	Constructs a satisfactory graph of the measurements, with a representation of liquids used, title and or labels may be incomplete, graph completed in excel.	Constructs a satisfactory graph of the measurements, with a representation of liquids used, title and or labels may be incomplete, graph not completed in excel.
Lab Write Up - Reporting the Results (28 pts)	Prepares an informative, well-organized, typed, left justified report in scientific language, with the following sections: question, hypothesis, materials, step by step procedures, results in table form and graph form, and conclusion. (See lab write up requirements for a description of each section)	Prepares an well-organized, typed, report with most requirements covered in the proper format.	Prepares a typed, report missing some requirements of not fully addressing all requirements.	Report is incomplete or not typed.
Content - Vocabulary (10 pts)	Conclusion includes a discussion of semi permeable membranes and how each type of liquid used affected the membrane. The words diffusion and osmosis are used accurately.	Conclusion includes a discussion of semi permeable membranes and how most liquids used affected the membrane. The words diffusion and osmosis are used accurately.	Conclusion includes a discussion of semi permeable membranes but may not include how most liquids used affected the membrane. The words diffusion and osmosis are not used accurately.	Conclusion does not discuss semi permeable membranes, how liquids affect the membrane, or the words diffusion and osmosis.
Total Points				

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Name _____

	4	3	2	1
Collecting & Recording Data using a table				
Graphing the data using excel spreadsheets				
Lab Write Up - Reporting the Results				
Content - Vocabulary				
Total Points				
Possible Points	16			

Egg-Speriment Grading Rubric

	8	6	4	2
Collecting & Recording Data using a table				
Graphing the data using excel spreadsheets				
Lab Write Up - Reporting the Results				
Content - Vocabulary				
	4	3	2	1
Cooperation				
Total Points				

Possible Points	36
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