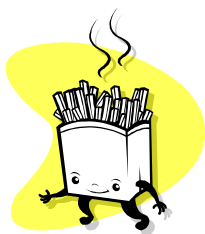


Osmosis Lab Peer Editing



Student Name: _____
Editor #1: _____
Editor#2: _____

Editors – put your initials in the boxes below if the statement applies to the lab. Please write any corrections on the student’s paper.

Editor #1	Editor #2	Criteria
PRE-LAB/EXPERIMENTAL DESIGN		
		The title is specific, original, and scientific (NOT funny)
		The question applies to lab AND has a question mark at the end
		There are 3 hypotheses, one for pure water, high salt, and low salt – and they each incorporate osmosis in some way
		The hypotheses are in “if...then...because” format with the ‘if...then...because’ underlined
		The experimental set-up has drawings AND a detailed explanation
		The manipulated, responding, and controlled variables are in COMPLETE SENTENCES
		There are two or more controlled variables WITH an explanation for why these things are controlled
		The control set-up has a diagram AND a detailed explanation
		There are several validity measures with an explanation for why
		ALL materials are listed
		The procedure is in a numbered list (1,2,3)
		The procedure is VERY detailed
		Multiple trials are indicated and explained
DATA, OBSERVATIONS, CALCULATIONS, GRAPH		
		Data tables are included, typed, and titled
		Observations are included
		Calculations are written in format described in packet
		Graph is completed as described, titled, and properly labeled
DISCUSSION OF RESULTS		
		Discussion of results is included, in complete sentences, questions are answered thoroughly
		Data is used to support or refute hypothesis (NUMBERS!) in discussion for #1 and is also used for #2
		Diagrams are included in discussion with captions for #3
SOURCES OF ERROR		
		Sources of error are listed, how they affect data is specifically explained, what should be done differently next time is stated
		A spin-off investigation is described
SPELLING/GRAMMAR/TYPED		
		Paper has been proofread and is typed

This sheet must be included with your final lab. Please make the necessary revisions to your lab before submitting the final draft.