

Animal Behavior Lab
RUBRIC 2017- 2018

SECTION	DESCRIPTION & POINTS POSSIBLE	POINTS EARNED
TITLE PAGE:	Creative title (include IV, DV, and subject) and picture (centered) Lab group names and job assignments(+5)	
ABSTRACT:	Include a detailed labeled diagram of the isopod and it's niche, why you chose the variable that you did, and your rationale Description of taxis and kinesis(+8)	
DIAGRAMS:	Colored diagrams of experiment set up and data collection(+10)	
RESULTS:	Dry / Wet: data table (+2.5) (graph can be handwritten) graph either averages or numbers at the end (+2.5) summary (+2.5) Your variable: data table (+2.5) graph (+2.5) summary (+2.5)	

DISCUSSION: This section of your lab report will include your explanation of the results based on main concepts/principles discussed in the introduction, as well as the answers to the following questions.

1. Would you classify the isopod's response to moisture as taxis or kinesis? Explain your response.
2. How might this experiment be modified to accurately measure whether or not kinesis is shown?
3. Why were you instructed to use a bar graph and not a line graph to show the data?
4. If you suddenly turned over a rock and found isopods under it, what would you expect them to be doing? If you watched them for a few minutes, how would you expect to see their behavior change based on your data that was collected from the experiment?
5. Choose another factor that you could investigate. Make a hypothesis for what you would expect. Explain your reasoning. Then, describe how you would carry out this experiment. (+12)

CONCLUSIONS:

- Accept or reject your hypothesis. * EXPLAIN why you accepted or rejected your hypothesis using data from the lab. * Include a summary of the data - averages, highest, lowest..etc to help the reader understand your results. Try not to copy your data here, you should summarize and reference KEY information. * List one thing you learned and describe how it applies to a real-life situation. *Discuss possible errors that could have occurred in the collection of the data (experimental errors) (+10)

Total: _____/60

Person #1 Title Abstract Diagrams

Person #2 Results

Person #3 Discussion & Conclusion

Print out lab and turn in one rubric with complete lab 10/17/17