DEADLINE 5:

Writing Your Conclusion and Future Research

Use your Deadline Worksheets and data you gathered during your lab to complete this planning sheet. Your answers do not have to be in complete sentences- this is designed to help you plan out your conclusion. The final draft of your conclusion should be written on blank paper and attached to this sheet.

CONCLUSION

Α	. Introduction: Restate the purpose of the experiment and your hypothesis.
	The purpose of this experiment was
	I predicted/my hypothesis was
В	. Data Analysis:
	My data/graphs show that • Compare your experimental group to your control group.
	 Explain any differences or patterns observed using specific numbers/ averages for each independent variable
	I [accept/reject] my hypothesis because (Include the specific data or trends that made you decide to accept or reject).

C.	<u>Other Interpretations</u> : Look at the information you gathered from your experiment. What stands out to you that is unrelated to your hypothesis? What patterns do you see in the data and what do you think they mean?						
	My [data/graphs] can also show that (Explain other possible interpretations of data).						
	This is important because (Explain how these other patterns in your data relate to your topic or your hypothesis. Explain why you think they are there and why they are important).						
D.	Sources of Error: Imagine if this experiment was conducted perfectly. What are the differences between a perfect experiment and our experiment? How do you think these differences (sources of error) affected our results? Look back at your procedure- was it followed correctly? Are your calculations correct (check them with a partner)? Did the measuring tools you used take accurate data?						
	One possible source of error was						
	This might have affected						
	Another potential source of error was						
	This might have affected						
	An additional source of error was						
	This might have affected						

E.	Importance : In this section, explain how your conclusions can be related to larger aspects of your life, the lives of peoples in your community or society. Take the knowledge that you gained from your investigation and apply it to a situation outside of your experiment (make a recommendation to your local government, give advice to the administration of Stamford Academy, etc.)
	RE RESEARCH are at least 3 things you would do differently payt time to improve this experiment? What are at least 3 things you would do differently payt time to improve this experiment? What are at least 3 things you would do differently payt time to improve this experiment?
t a lov	RE RESEARCH are at least 3 things you would do differently next time to improve this experiment? What are at I w up experiments you might perform related to this topic? I can improve this experiment by (Explain how you would fix one source of error).
t a	are at least 3 things you would do differently next time to improve this experiment? What are at I we up experiments you might perform related to this topic?
it a	are at least 3 things you would do differently next time to improve this experiment? What are at I we up experiments you might perform related to this topic?
nt a	Are at least 3 things you would do differently next time to improve this experiment? What are at I w up experiments you might perform related to this topic? I can improve this experiment by (Explain how you would fix one source of error). Next time, I would like to test (Explain what else you want to test related to this scientific
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Peer Review of Conclusion

Have 2 peers from class review your conclusion. Use the feedback to revise your conclusion as needed.

	: positive feedback		
Peer Review 1		Peer	Review 2
+:		+:	
Δ :		Δ :	

After you have had your conclusions and data reviewed by your peers, use your planning sheet (15) to write out your complete conclusion in complete sentences.
Final Draft Future Research
That Draft Future Nescaren
Teacher Approval
(Signature)(Date)
Notes: