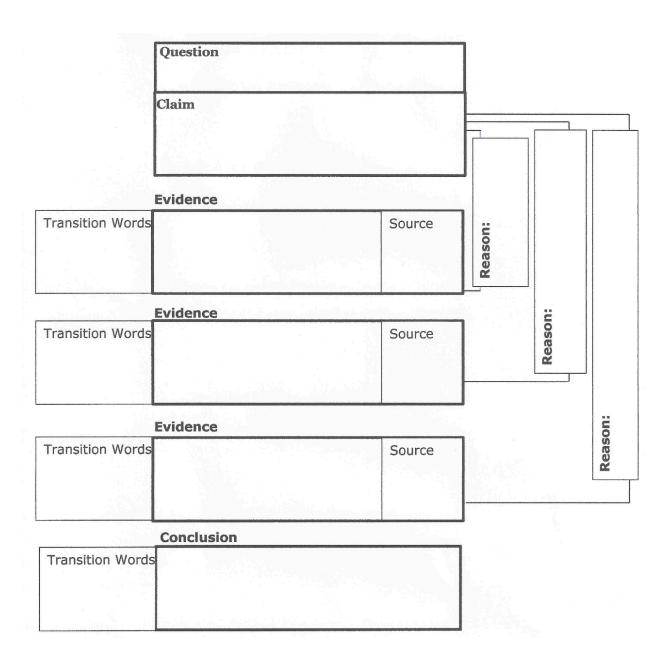
Penny Lab CER/Conclusion
Directions: After completing the Penny Lab CER/Conclusion Graphic Organizer, combine all the parts into a final conclusion. Be sure to check the rubric!

Date:

Period:

Name:

	Emerging	Developing	Proficient	Advanced
CLAIM A conclusion that answers the question.	Does not answer the guiding question.	Answers the question with evidence without providing a clear claim.	Makes an accurate claim but includes some evidence and reasoning.	Makes an accurate and complete claim in one sentence.
EVIDENCE Scientific data (measurements, graphs, observations) that supports the claim.	Does not provide evidence OR does not provide evidence that supports this claim.	Includes inappropriate/ inaccurate evidence.	Provides accurate but insufficient evidence to support the claim.	Provides appropriate and sufficient evidence to support the claim.
REASONING A justification that links the claim with evidence. It shows why the data counts as evidence by using scientific concepts and principles.	Does not provide a reasoning OR reasoning is irrelevant or inaccurate	Attempts to provide reasoning Does not sufficiently explain how the evidence answers the guiding question using scientific principles.	Provides some reasoning that links the evidence to the claim. Includes some scientific principles but an insufficient amount.	Provides reasoning that links the evidence to the claim. Includes appropriate and sufficient scientific principles.
GRAMMAR & MECHANICS Uses proper capitalization, punctuation, and spelling. All responses are complete sentences. Does not use pronouns	Contains serious errors that interfere with the reader's understanding	Contains serious errors (>3) in grammar, punctuation, capitalization, and spelling, run on sentences and the use of pronouns	Contains 1 – 3 errors in grammar, punctuation, capitalization, and spelling, run-on sentences, and the use of pronouns	No errors in grammar, punctuation, capitalization, and spelling. Uses complete sentences.



Student Samples:

Date: 10-03-2024 Period: 6 Penny Lab CER/Conclusion Directions: After completing the Penny Lab CER/Conclusion Graphic Organizer, combine all the parts into a final conclusion. Be sure to check the rubric! The process of the lab must delegate the office of some and the some is allowed to work the process of the lab seeps is allowed to work the surface of water the period of the penny between the surface of the penny between the surface of the penny between the surface form associated water malerales on the surface form associated the surface of the penny between the surface form associated the penny between the surface the process of the penny between the surface of the penny between the penny be	

Name	Date: 10/4/24	Period: 6

Penny Lab CER/Conclusion

Directions: After completing the Penny Lab CER/Conclusion Graphic Organizer, combine all the parts into a final conclusion. Be sure to check the rubric!

parts into a final conclusion. Be sure to check the rubito:
The Purpose of this lab was to determine the effect of soap
on the surface tension of water. The hypothesis stated IDV
dish soup is added to water then surface tops on of
water will decrease because it wouldn't have as much
surface tension in the water Overall, the class averaged
21 drops of water on the penny before it overflowed?
This is because water molecules on the surface form
less honds allowing unter to hold its shop Boy
on the data, the hypothesis is occupted because by
ladding soap to the water it decreased. And when adding
the corp water to the penny it didn't have as much
sorface tension causing the penny to not hold the
die de la Mik I)
drops of water. Making the water weak
Missing second piece of endence & reasoning
endence ; reasoning
O CO