

AP Biology: Lab 13 Enzyme Activity Peer Review

Report by \_\_\_\_\_

Reviewed by \_\_\_\_\_ Reviewed by \_\_\_\_\_ Reviewed by \_\_\_\_\_

<p><b>YOU MUST ADDRESS THE FOLLOWING WORDS AND CONCEPTS IN YOUR INTRODUCTION:</b></p> <p><b>Enzyme, catalyst, activation energy, chemical reaction, rate, optimal temperature, pH, substrate concentration, enzyme concentration, cause and effect, conservation of matter, structure and function</b></p>	<b>Section 1: Introduction and Guiding Question</b>		<b>Reviewer Rating</b>				
	Is there enough background information and is it accurate?		<input type="checkbox"/> No	<input type="checkbox"/> Partially	<input type="checkbox"/> Yes		
	Is the guiding question explicit and did the author <b>EXPLAIN HOW</b> the question is related to the background information?		<input type="checkbox"/> No	<input type="checkbox"/> Partially	<input type="checkbox"/> Yes		
	Reviewers: <b>EXPLAIN HOW</b> the author could improve this part of his or her report.	Author: What revisions did you make in your report?					
<b>Section 2: Method</b>					<b>Reviewer Rating</b>		
Did the author describe the procedures and <b>EXPLAIN WHY</b> the procedures were used?					<input type="checkbox"/> No	<input type="checkbox"/> Partially	<input type="checkbox"/> Yes
Did the author describe what data were collected and <b>EXPLAIN WHY</b> the data were collected?					<input type="checkbox"/> No	<input type="checkbox"/> Partially	<input type="checkbox"/> Yes
Reviewers: <b>EXPLAIN HOW</b> the author could improve this part of his or her report.			Author: What revisions did you make in your report?				

Section 3: The Argument		Reviewer Rating		
Did the author make a claim consistent with the evidence that answers the guiding question?		<input type="checkbox"/> No	<input type="checkbox"/> Partially	<input type="checkbox"/> Yes
Quality of Evidence	Did the author describe how he/she analyzed the data and <b>EXPLAIN WHY</b> the analysis helped him/her answer the guiding question?	<input type="checkbox"/> No	<input type="checkbox"/> Partially	<input type="checkbox"/> Yes
	Is the analysis of the data appropriate and free from errors?	<input type="checkbox"/> No	<input type="checkbox"/> Partially	<input type="checkbox"/> Yes
	Is the author's interpretation of the analysis valid?	<input type="checkbox"/> No	<input type="checkbox"/> Partially	<input type="checkbox"/> Yes
	<b>MANDATORY DATA: floats/sec, mean</b>	<input type="checkbox"/> No	<input type="checkbox"/> Partially	<input type="checkbox"/> Yes
Presentation of Evidence	Are tables and graphs correctly formatted, labeled, and are metric units used?	<input type="checkbox"/> No	<input type="checkbox"/> Partially	<input type="checkbox"/> Yes
	Are specific values from tables and graphs referenced in the body of the text?	<input type="checkbox"/> No	<input type="checkbox"/> Partially	<input type="checkbox"/> Yes
Justification of Evidence	Did the author state <b>WHAT</b> scientific concept is being defended?	<input type="checkbox"/> No	<input type="checkbox"/> Partially	<input type="checkbox"/> Yes
	Did the author <b>DESCRIBE</b> the data from their analysis used as evidence in support of the scientific concept?	<input type="checkbox"/> No	<input type="checkbox"/> Partially	<input type="checkbox"/> Yes
	Did the author <b>EXPLAIN HOW</b> the evidence supports the underlying scientific concept?	<input type="checkbox"/> No	<input type="checkbox"/> Partially	<input type="checkbox"/> Yes
Did the author <b>EXPLAIN HOW</b> his or her claim agrees with the claims made by other groups and <b>PROVIDE REASONS</b> for disagreements?		<input type="checkbox"/> No	<input type="checkbox"/> Partially	<input type="checkbox"/> Yes
Reviewers: <b>EXPLAIN HOW</b> the author could improve this part of his or her report.		Author: What revisions did you make in your report?		
<b>Mechanics</b>		<b>Reviewer Rating</b>		
<b>Organization:</b> Is each section easy to follow? Do paragraphs include multiple sentences: Do paragraphs begin with a topic sentence?		<input type="checkbox"/> No	<input type="checkbox"/> Partially	<input type="checkbox"/> Yes
<b>Grammar:</b> Are the sentences complete? Is there proper subject-verb agreement in each sentence? Are there run-on sentences?		<input type="checkbox"/> No	<input type="checkbox"/> Partially	<input type="checkbox"/> Yes
<b>Conventions:</b> Did the author use appropriate spelling, punctuation, paragraphing and capitalization:		<input type="checkbox"/> No	<input type="checkbox"/> Partially	<input type="checkbox"/> Yes
<b>Word Choice:</b> Did the author use the appropriate words (e.g., there vs. their, to vs. too, than vs. then, etc.)?		<input type="checkbox"/> No	<input type="checkbox"/> Partially	<input type="checkbox"/> Yes
<b>Fluency:</b> Does the paper as a whole flow well? Do the sections follow each other to give a complete idea of the lab?		<input type="checkbox"/> No	<input type="checkbox"/> Partially	<input checked="" type="checkbox"/> Yes