

Student: _____

Teacher: _____

Subject Area: Science

School Year: 2016 - 2017

LAPBA Scoring Rubric

A Fish out of Water: Animal Habitats and Adaptations

Critical Element	Not Evident (0)	Weak (1)	Proficient (2)	Target (3)
VA SOL 3.4 Model of an example of animal physical adaption	No evidence given	Little evidence of physical adaption	Some evidence of physical adaption	Evidence of physical adaption on animal
VA SOL 3.4 Written explanation of an example of animal physical adaption	No explanation given	Student attempted to explain work but had an inaccurate explanation of adaption animal would need	Student accurately explained adaption that animal would need.	Student clearly & accurately explained adaption that animal would need.
VA SOL 3.9 Written explanation of an example of animal behavioral adaption	No explanation given	Student attempted to explain work but had an inaccurate explanation of adaption animal would need	Student accurately explained adaption that animal would need.	Student clearly & accurately explained adaption that animal would need.
VA SOL 3.9 Written explanation of habitat	No explanation	Student attempted to explain habitat but was unable to explain habitat	Students described habitat but was did not explain reasoning as to animals and plants	Students described habitat including examples of plants and animals living there and reasoning why they live there
TOTAL				
Pass Advanced	Total score of 13-15			
Pass Proficient	Total score of 9 – 12 with no critical element scored as Not Attempted.			
Below Proficient	Total score of 4 – 8; or total score of 9 or more with a critical element scored as Not Attempted.			
Not Evident	Total score of 0 – 3; or three or more Critical Elements scored as Not Attempted.			

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LAPBA Scoring Rubric**Machines for Future Planets**

Critical Element	Not Attempted (0)	Below Proficient (1)	Pass Proficient (2)	Pass Advanced (3)
Chose 2 simple machines that work together to create the compound machine (3.2a, b 3.1 l)	No simple machines are identified	One simple machine is identified	Two simple machines are appropriately identified	Two or more simple machines accurately identified and work well together
The friendly letter describes the compound machine. (3.2 c,d)	No description is present	Description is limited (one simple machine may be identified)	Description is accurate but lacking supporting details	Description is accurately explained with supporting details
The friendly letter includes the purpose of the machine. (3.2 a,c, d)	No purpose is present	Purpose is limited and does not fully address the problem	Purpose is reasonably stated and addresses the problem	Purpose is clearly stated and thoroughly addresses the problem
Usage/Mechanics (Writing 3.9 c, d,f 3.10)	Significant errors and not on topic	Grammatical errors and/or awkward wording with main idea, but no supporting details	Some grammatical errors and/or awkward wording with main idea with some supporting details	Clearly written and easy to read; few, if any grammatical errors being on topic with strong supporting details
TOTAL				
Pass Advanced	Total score of 13-15			
Pass Proficient	Total score of 9 – 12 with no critical element scored as Not Attempted.			
Below Proficient	Total score of 4 – 8; or total score of 9 or more with a critical element scored as Not Attempted.			
Not Evident	Total score of 0 – 3; or three or more Critical Elements scored as Not Attempted.			

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Clear As Mud: The Importance of Soil and Water

Critical Element	Not Attempted (0)	Below Proficient (1)	Pass Proficient (2)	Pass Advanced (3)
Diagram of soil layers (Drawing, panel 1)	No labeled drawing	Drawing or labeling incomplete or incorrect	Drawing shows the 3 layers of soil correctly labeled	Student includes additional information and/or explanation
Benefits of soil (Sentence, panel 1)	No sentence	Sentence does not correctly identify a benefit	Sentence gives one correct benefit	Sentence gives more than one correct benefit
Model of water cycle (Drawing, panel 2)	No labeled drawing	Drawing or labeling incomplete or incorrect	Drawing shows the 3 parts of the water cycle correctly labeled	Student includes additional information and/or explanation
Effects of water conservation (Sentence, panel 2)	No sentence	Sentence does not correctly describe an effect of lack of clean water	Sentence gives one correct effect	Sentence gives more than one correct effect
How soil or water can be conserved (Panel 3)	No explanation given	Inadequate explanation	Adequately described one method of conserving soil or water	Student describes more than one method of conserving soil of water, or gives extensive details
TOTAL				
Pass Advanced	Total score of 13-15			
Pass Proficient	Total score of 9 – 12 with no critical element scored as Not Attempted.			
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What's It Like?

Critical Element	Not Attempted (0)	Below Proficient (1)	Pass Proficient (2)	Pass Advanced (3)
Describe 2-5 physical properties of the given object (3.1j, 3.3)	No physical properties are described	One or two physical properties are described	Three or four physical properties are described	All five physical properties are described
Physical Properties remain the same as the material is changed in visible size (3.3b) *cutting object in half	No answer is given	Does not recognize the physical properties remain the same	Recognizes physical properties remain the same, but doesn't mention change in size	Recognizes physical properties remain the same and mentions the change is size
Visible physical changes are identified by placing the object in the sun for an hour (3.3c)	No answer is given	Does not identify if there is a physical change.	Does identify if there is a physical change, but it is not correct	Does identify if there is a physical change correctly.
Visible physical changes are identified by placing the object in the freezer for an hour (3.3c)	No answer is given	Does not identify if there is a physical change.	Does identify if there is a physical change, but it is not correct	Does identify if there is a physical change correctly.
Visible physical changes are identified by submerging the object underwater for an hour(3.3c)	No answer is given	Does not identify if there is a physical change.	Does identify if there is a physical change, but it is not correct	Does identify if there is a physical change correctly.
TOTAL				
Pass Advanced	Total score of 13-15			
Pass Proficient	Total score of 9 – 12 with no critical element scored as Not Attempted.			
Below Proficient	Total score of 4 – 8; or total score of 9 or more with a critical element scored as Not Attempted.			
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