



# WILD WISE: READY, SET, DISCOVER

## SHARING SOLUTIONS

*Presentation Rubric*

Date:

Interviewer:

Teacher/School:

Group:

Problem Statement:

Prompts	2 - Meets Expectations	1 - Approaching Expectations	0 - Below Expectations	Total
<b>Clear statement of problem</b>				
<ul style="list-style-type: none"> <li>What problem did you focus on for your project?</li> <li>What factors (e.g. benefit for wildlife, cost) did you consider?</li> </ul>	<input type="checkbox"/> Problem statement clearly identifies an issue relevant to both local amphibians and local ecosystems.	<input type="checkbox"/> Problem statement identifies an issue relevant to <b>either</b> a local amphibian or the local ecosystem.	<input type="checkbox"/> Problem statement not included <b>or</b> problem statement identifies an issue that is not relevant to either a local amphibian or a local ecosystem.	
	<input type="checkbox"/> Included <b>two or more</b> factors/constraints.	<input type="checkbox"/> Included <b>one</b> factor/constraint.	<input type="checkbox"/> Factors or constraints not included.	
	<input type="checkbox"/> Demonstrated an understanding of: <ul style="list-style-type: none"> <li><input type="checkbox"/> <b>2</b> connections between amphibians and other ecosystem components (plants, animals, environment) that help the amphibians survive.</li> <li><input type="checkbox"/> Human impacts on the ecosystem</li> </ul>	<input type="checkbox"/> Demonstrated limited understanding of <b>either</b> : <ul style="list-style-type: none"> <li><input type="checkbox"/> <b>2</b> connections between amphibians and other ecosystem components (plants, animals, environment) that help the amphibians survive.</li> <li><input type="checkbox"/> Human impacts on the ecosystem</li> </ul>	<input type="checkbox"/> Understanding of ecosystem connections not addressed	
<b>Information gathering</b>				
<ul style="list-style-type: none"> <li>What resources did you use for your research?</li> <li>Why did you select those resources? How did you know they were high quality resources?</li> </ul>	<input type="checkbox"/> Presented information derived from <b>3 or more credible sources</b> . <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4	<input type="checkbox"/> Presented information derived from 1-2 sources <b>or</b> included a source that is not credible.	<input type="checkbox"/> Outside sources for information were not used.	
<b>Determining solutions</b>				
<ul style="list-style-type: none"> <li>Did you consider any other solutions?</li> </ul>	<input type="checkbox"/> Generated <b>two or more</b> possible solutions to meet the criteria and constraints of the problem. <input type="checkbox"/> 1 <input type="checkbox"/> 2	<input type="checkbox"/> Generated <b>one possible</b> solution to meet the criteria and constraints of the problem.	<input type="checkbox"/> Solutions not included.	

Prompts	2 - Meets Expectations	1 - Approaching Expectations	0 - Below Expectations	
<b>Evidence for choosing best fit solution</b>				
<ul style="list-style-type: none"> <li>Did you consider any other solutions? How did you determine this was the best one?</li> <li>How will your proposed solution benefit local amphibians?</li> </ul>	<input type="checkbox"/> Included one or more general suggestions for habitat improvement <b>with clear explanation</b> of the benefit for the focal species.	<input type="checkbox"/> Included general suggestions for habitat improvement <b>without clear explanation</b> of the benefit for the focal species.	<input type="checkbox"/> No suggestions for habitat improvement included.	
	<input type="checkbox"/> Supported their choice of solution through a combination of evidence from all <b>3</b> of these: <ul style="list-style-type: none"> <li><input type="checkbox"/> their research</li> <li><input type="checkbox"/> Outdoor and Zoo Explorations</li> <li><input type="checkbox"/> prior knowledge</li> </ul>	<input type="checkbox"/> Supported their choice of solution through a combination of evidence from <b>1-2</b> of these: <ul style="list-style-type: none"> <li><input type="checkbox"/> their research</li> <li><input type="checkbox"/> Outdoor and Zoo Explorations</li> <li><input type="checkbox"/> prior knowledge</li> </ul>	<input type="checkbox"/> Evidence for choice of solution absent.	
<b>Viability of Solution</b>				
<ul style="list-style-type: none"> <li>Is your solution something that you could do? How did you consider how easy or hard it would be?</li> <li>Does your proposed solution help or harm wildlife or people?</li> <li>Is your proposed solution supported by your research?</li> </ul>	<input type="checkbox"/> Project shows consideration of <b>two</b> of these factors in developing their solution: <ul style="list-style-type: none"> <li><input type="checkbox"/> feasibility</li> <li><input type="checkbox"/> ethical considerations</li> <li><input type="checkbox"/> accuracy of information</li> </ul>	<input type="checkbox"/> Project shows consideration of <b>one</b> of these factors in developing their solution: <ul style="list-style-type: none"> <li><input type="checkbox"/> feasibility</li> <li><input type="checkbox"/> ethical considerations</li> <li><input type="checkbox"/> accuracy of information</li> </ul>	<input type="checkbox"/> Did not explain how these factors were considered in development of the solution.	
<b>Scientific Communication &amp; Collaboration</b>				
<ul style="list-style-type: none"> <li>How did you divide up the work between team members?</li> <li>How did you decide who did each part of the project?</li> </ul>	<input type="checkbox"/> Shared responsibility for completion of the project with <b>all</b> team members.	<input type="checkbox"/> Shared responsibility for completion of the project with <b>some</b> team members.	<input type="checkbox"/> Responsibility was not shared equally (one or two team members completed most of the work).	
	<input type="checkbox"/> Communicated effectively as scientists: <ul style="list-style-type: none"> <li>ideas with supporting evidence</li> <li>logical order to presentation</li> <li>ideas support problem statement</li> </ul>	<input type="checkbox"/> Communicated somewhat effectively as scientists: <ul style="list-style-type: none"> <li>ideas with some supporting evidence</li> <li>order of presentation was sometimes confusing</li> <li>ideas somewhat support the problem statement</li> </ul>	<input type="checkbox"/> Did not communicate effectively as scientists: <ul style="list-style-type: none"> <li>ideas were unclear</li> <li>order of presentation was confusing</li> <li>ideas did not support the problem statement</li> </ul>	
<b>Total Points</b>	<b>Final Score Key: [0 – 9] Below Expectations [10 - 15] Approaching Expectations [16 – 20] Meets Expectations</b>			