Rubric to evaluate summative assessment.

<table>
<thead>
<tr>
<th>Depth of Learning</th>
<th>Extended &amp; Strategic: Full Understanding</th>
<th>Conceptual: Partial Understanding</th>
<th>Recall and Applied: Immerging Understanding</th>
<th>No Evidence of Understanding</th>
</tr>
</thead>
</table>
| Description of Criteria |  • Student is able to identify at least two mutations that were inherited and indicate in which generation the mutation emerged.  
• He student is able to predict, create, or draw a new mutation.  
• He students is able to explain how the species evolved from generation 1-12, may be extend thinking by hypothesizing why the evolution occurred |  • Student is able to identify at least two mutations that were inherited and indicate in which generation the mutation emerged.  
• He student is able to predict, create, or draw a new mutation.  
• He students is able to explain how the species evolved from generation 1-12 OR may be able to hypothesize why the evolution occurred |  • Student is able to identify at least one mutation that was inherited and indicate in which generation the mutation emerged.  
• He student is able to predict, create, or draw a new mutation.  
• He student is unable to explain how the species evolved from generation 1-12. |  • Student is unable to identify a mutation, draw a new mutation, explain the evolution over generations, or hypothesize why the change may have occurred. |