Daily Critter Journal Entry

1. What do you notice? _____________________________________________________________
   ____________________________________________________________________________
   ____________________________________________________________________________

2. Has anything changed since your last observation? _________________________________
   ____________________________________________________________________________
   ____________________________________________________________________________

3. Do your critters need any kind of care? Circle One: YES or NO
   a. If you circled yes, what does it need? _________________________________________

4. Do you need to make adjustments to your design? Circle One: YES or NO
   a. If you circled yes, what adjustments? _________________________________________

5. Draw pictures of what you see or take photos.
**Life Cycle Research Sheet**

**Objective:** Research the life cycle of a new organism and answer the questions below.

The Life cycle I am researching: ____________________________________________

<table>
<thead>
<tr>
<th>Stage</th>
<th>Illustration</th>
<th>Name of Stage:</th>
<th>Length of stage:</th>
<th>Interesting Fact:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stage 1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stage 2</td>
<td></td>
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<tr>
<td>Stage 3</td>
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<tr>
<td>Stage 4</td>
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<tr>
<td>Stage 5</td>
<td></td>
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</tr>
</tbody>
</table>

Mystery Critters: Life Cycle Research Sheet
Using complete sentences, describe the stages of your organism’s life cycle. ___________________________________________________________
__________________________________________________________________________________________
__________________________________________________________________________________________

How does your organism change physically as it grows? _____________________________________________
__________________________________________________________________________________________
__________________________________________________________________________________________

How does your organism’s life cycle begin? ______________________________________________________
__________________________________________________________________________________________
__________________________________________________________________________________________

From what you know about your research, how can you explain the similarities between stages of life cycles for all organisms. __________________________________________________________
__________________________________________________________________________________________
__________________________________________________________________________________________

Using your research, explain why some organisms have different stages of life. __________________________
__________________________________________________________________________________________
__________________________________________________________________________________________
__________________________________________________________________________________________
**Life Cycle Comparison Rubric**

**Objective:** Create a presentation that illustrates the different stages of a life cycle for familiar living things.

My assigned organism: Mealworms and ____________________.

<table>
<thead>
<tr>
<th>Categories</th>
<th>4</th>
<th>3</th>
<th>2</th>
<th>1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Life Cycle Information</td>
<td>At least 7 accurate facts are presented about each organism. Each stage of the organism’s life cycle is described.</td>
<td>5-6 accurate facts are presented about each organism. Most of the stages in the organism’s life cycle are described.</td>
<td>3-4 accurate facts are presented about each organism. Fewer than half of the organism’s life cycle are described.</td>
<td>Less than 3 accurate facts are presented about each organism. None of the organism’s life cycle is described.</td>
</tr>
<tr>
<td>Vocabulary</td>
<td>All unit vocabulary was included. Extra relevant vocabulary was added.</td>
<td>Most of the unit vocabulary was used.</td>
<td>Some of the unit vocabulary was used.</td>
<td>Little to none of the unit vocabulary was used.</td>
</tr>
<tr>
<td>Images</td>
<td>All images are related to the topic and make it easier to understand. Each life cycle stage is illustrated.</td>
<td>All images are related to the topic and most make it easier to understand. Most of the life cycle stages are illustrated.</td>
<td>All pictures relate to the topic. Fewer than half of the life cycle stages are illustrated.</td>
<td>Pictures do not relate to the topic. None of the life cycle stages are illustrated.</td>
</tr>
<tr>
<td>Labels</td>
<td>Parts of the life cycle are clearly and correctly labeled.</td>
<td>Most of the parts of the life cycle are clearly and correctly labeled.</td>
<td>Some of the parts of the life cycle are clearly and correctly labeled.</td>
<td>Parts of the life cycle are not labeled.</td>
</tr>
<tr>
<td>Knowledge Gained</td>
<td>Students can accurately answer all questions related to facts in the presentation.</td>
<td>Students can accurately answer most questions related to facts in the presentation.</td>
<td>Students can accurately answer some questions related to facts in the presentation.</td>
<td>Students are unable to answer questions related to facts in the presentation.</td>
</tr>
</tbody>
</table>