5th Grade Research Project

Select a environmental habitat such as desert, ocean, grassland, savannah, tundra, wetland, arctic. Use the library’s resources to complete your research.

Your task is to select one of the following projects to demonstrate your findings:
- Diorama and written report
- Poster or display board with written report
- Web 2.0 tools such as Prezi
- powerpoint
- Educreations (iPad)
- 30Hands (iPad)
- or another teacher approved report.

Your research must include the following:
1. Describe the environment in the habitat and investigate the ecosystems. (short paragraph)
2. Identify the plants and animals within the ecosystem of the habitat you have chosen.
3. Create a food web and describe the roles of the organisms within the ecosystem.
4. Create a table showing the animals’ diets.

<table>
<thead>
<tr>
<th>Type of Animal</th>
<th>Food Eaten</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

5. Create a food chain from the food web and label their role within that ecosystem.
6. Choose 3 animals and 2 plants from the food web and describe their adaptations
7. Explain factors that would possibly affect the population of organisms in the ecosystem.

<table>
<thead>
<tr>
<th>Animal</th>
<th>Structure</th>
<th>Function</th>
<th>Factors that may affect population of organisms in ecosystem</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Student grade will be determined based on whether or not they meet all expectations. A Rubric will be provided for the end project.