



Life Science Challenge Unit

We have started our next Unit in class! This Unit will be integrated with Science and Language Arts. Our Science Unit covers different environments, adaptations and a world of change, while our Language Arts Unit is "Animal Habitats." The stories revolve around animals as their characters and it is the perfect opportunity to include adaptations of these characters.

Topics covered in the Science Unit include:

- What structures help plants and animals grow?
- What are different environments where things live?
- How do things survive in places with few trees?
- How do things survive in the forest?
- How do things survive in water environments?
- How do living things change their environment?
- How do changes in the environment affect living things?
- How do living things compare to those long ago?

Stories read in our anthology include:

- Nights of the Pufflings
- Seal Surfer
- Two Days in May

To help reinforce concepts taught in the classroom, students have been assigned projects to work on at home, see reverse. These projects offer choice for the students so they have the opportunity to choose projects that interest them. Any combination of points is welcomed as long as they total at least 12 points. Extra points are encouraged. Below is a suggested timeline as to when to complete portions of the project. While progressive due dates are listed, **all projects will be expected to be completed and turned into the classroom on Wednesday, March 4th.**

Suggested timeline:

Try to have these amounts of points completed...

Project worth 2 points- February 4th

Project(s) worth 4 points- February 11th

Project(s) worth 6 points- February 25th

Projects worth at least 12 points- March 4th

Have fun! Be creative! Think outside the box!

Mrs. Hansen



○ Insect 

○ Amphibian 

○ Reptile 

○ Fish 

○ Bird 

○ Mammal 

My Animal Is a

Name _____ # _____

Life Science: Environments, Living Things and Adaptations
2nd Trimester
Culminating Project

Pick your projects! You may choose the projects you would like to complete. The projects you choose must add up to at least 12 points. You will be sharing your projects with the class.

2 points	4 points	6 points	8 points
<p align="center"><u>Poetry</u></p> <p>Choose an animal from your biome. Write an acrostic poem describing its adaptations, appearance, etc. Type and add pictures for 1 point extra credit!</p>	<p align="center"><u>Diorama</u></p> <p>Create a diorama that represents your biome. It should include characteristics specific to the area including landscapes, animals, etc. You can use a shoe box or anything else you feel would work well.</p>	<p align="center"><u>Invent an Animal</u></p> <p>Using multiple animals from your biome, create a new animal. This animal should have combined characteristics from at least 3 other animals. Write a description and draw a picture to explain your invented animal's adaptations, diet, appearance and ways of life.</p>	<p align="center"><u>Documentary</u></p> <p>Take a trip on the wild side. Go into your own backyard or local nature hot spot and film at least 4 living things (plants, animals, insects, etc). Report about the community and population of these living creatures. You must explain what you see as you are taping.</p>
2 points	4 points	6 points	8 points
<p align="center"><u>Let's Travel</u></p> <p>Make a brochure that entices travelers to come visit your biome. You must include text and pictures. For a challenge, make it on the computer!</p>	<p align="center"><u>Endangered Animal Poster</u></p> <p>Choose an animal from your biome. Include information about habitat, population, diet, interesting facts and why it's endangered. Your project should be on poster board and include text and pictures.</p>	<p align="center"><u>Animal Trading Cards</u></p> <p>Create 10 'trading cards' about different animals from your biome. Characteristics should include interesting facts, appearance, diet, adaptations, predators/prey, etc.</p>	<p align="center"><u>Power Point</u></p> <p>Make a Power Point that explains either your biome or an animal from your biome. It should include at least 8 slides with text and pictures.</p>

My biome is _____

Due Date: _____