ECOSYSTEM AND ANIMAL ADAPTATIONS.

There are many ecosystems in the world, and many different types of organisms that live in that ecosystem. Your project is to choose one ecosystem, describe it, and list three types of organisms that live in that ecosystem. Then describe three different types of adaptations that the organism has and uses to help it survive. We will get started in the library here at school, but you will need to finish this project at home. **We will present… but after CRCTs.**

Final Project Expectations: Poster, Presentation, or other Visual Aid with the following information.

- Name of Ecosystem
- Description of Ecosystem:
  - Main features, Types of living things and non living things in this ecosystem
  - Average Climate and Temperature throughout the year
  - Location or possible locations of ecosystem (maybe a map?)
- Changes (if any) that is threatening, helping, or changing the ecosystem
- Three Specific animals or plants that live in that ecosystem
- Three adaptations per animal or plant in that ecosystem
  - *What the animal eats is not an adaptation, the fact they will eat anything etc. could be an adaptation to survive….. please ask for help if you do not understand*

What to do:

1. Choose one or two ecosystems from Mrs. Hardy's List
2. Look up some information on these ecosystems using the following resources:
   a. Books - In the Library – Use Books!!!!
   b. Encyclopedia or other reference book (reference section of our library)
   c. Internet (Web Express in our Library)
3. Make a decision – is this the ecosystem you want?, is there enough information for a good project? Is there a variety of interesting animals or plants that you can choose from?
   - No: Start again at number 1
   - Yes: Choose 1 of the ecosystems, go to step 4
4. Choose 3 animals or plants from that ecosystem. Research and describe 3 different adaptations that the animal or plants uses to help it survive.
   a. Use similar resources that you used to research ecosystems – books, reference materials, and internet.

Grading:

1. Your Grade will be based on my observation and your peers (3 randomly selected):
   - Student name (1 pt)
   - Ecosystem name (1 pt)
   - Ecosystem Description
     i. features (1 pt)
     ii. temperature (1 pt)
     iii. location (1 pt)
   - Current Ecosystem Changes or threats – if any (1 pt)
   - Three Animals (or plants) (3 pt)
   - Three Adaptations per animal (3 x 3 = 9 pt)
   - Quality of Information in Project (3 pts)
   - Neatness of Project (3 pts)
   - On time (1 pt)

   Total = 25 x me and 3 peers = 100

Ecosystem and Organism Adaptations.

1. Atlantic Ocean
2. Artic Ocean
3. Pacific Ocean
4. Indian Ocean
5. Australian's Barrier Reef
6. Tropical Rainforest
7. Lake Lanier
8. Amazon Rainforest
9. Glacier National Park
10. Yellowstone National Park
11. Smoky Mountains
12. Arctic Tundra
13. Okefenokee
14. Grasslands and Savanna
15. Mojave Desert
16. Sahara Desert
17. Grand Canyon
18. Temperate Forests
19. Taiga Forests
20. Antarctica
21. Gulf of Mexico
22. Galapagos Islands
23. Rocky Mountains
24. Denali National Park
25. National Park of American Samoa
26. Salt River Bay
27. Death Valley
28. Coral Reefs of Virgin Islands
29. Salt River Bay
30. Acadia
31. Big Cypress
32. Blue Ridge Mountains
33. Cumberland Islands
34. Everglades
35. Hawaii Mountains
36. Redwood National Park
37. Sequoia & Kings Canyon

There are millions of more ecosystems. This is a small list to get you started. If there is another system you would like to do, please confer with Mrs. Hardy

Student	Student Name	Ecosystem Name	Features	Temp	Location	Changes	Animal 1	Adaptation 1	Adaptation 2	Adaptation 3	Animal 2	Adaptation 1	Adaptation 2	Adaptation 3	Animal 3	Adaptation 1	Adaptation 2	Adaptation 3	Information Quality	Neatness of Project	On Time	TOTAL
Berechiah																						
Joyce																						
Cameron																						
Ryan D																						
Cole																						
Sarah																						
Youngwoo																						
Alexis																						
Kailey																						
Natalia																						
Roshawn																						
Rahul																						
Katie																						
Chris																						
Karis																						
John Michael																						
Joshua																						
Daniela																						
Jaylen																						
Jimmy																						
Ryan W																						
Josalyn																						
Ethan																						