

Animal Adaptation Project

Directions: Create an Animal Adaptation Poster for your assigned animal. Use the graphic organizer to record your research. Then present your information neatly on a poster, which you will hand in and present to the class for a science grade. Follow the guidelines and rubric, which will be used to score your project. Print out pictures to make your poster stand out. Have fun and get creative!

Poster Guidelines: Your poster should contain the following sections and information:

1. Title:

-Animal name

-Picture of animal

-Which group of vertebrates does the animal belong to? (Mammals, birds, fish, reptiles, or amphibians)

-List all the traits that put your animal in that group (Example: It is a mammal because it has fur, gives birth to live babies, etc.)

2. Survival Needs:

-Include the following titles under this heading:

- "Food"
- "Water"
- "Protection/Shelter"
- "Body Temperature Control"

Under each title, explain how your animal uses its adaptations to meet each basic need.

3. Habitat:

-Name and describe your animal's habitat and environment. Include a picture of the habitat.

4. Physical Adaptations:

-Name at least 2 traits your animal has, and explain how it uses these body parts to survive.

5. Behavioral Adaptations:

-Explain how your animal does at least 2 things to protect itself and survive in its environment

6. Interesting Facts:

-List at least 3 other interesting facts that you learned about your animal that you think would be important to share with the class.

Name: _____

My Animal: _____

1. Vertebrate Group: _____

Traits of this group:

2. How does your animal get its food? What does it eat?

3. How does your animal get water?

4. How does your animal find shelter and protection?

5. How does your animal control its body temperature? (Is it warm blooded?
Cold blooded?)

6. What kind of habitat does your animal live in? Name it and describe it.

7. What physical adaptations does your animal have that help it survive in its habitat? How does it use these body parts to survive?

8. What behavioral adaptations does your animal have that help it survive in its habitat? How does it use these adaptations to survive?

9. Interesting facts/additional information

Animal Adaptation Research Project Rubric

	<u>1</u> Emerging	<u>2</u> Progressing	<u>3</u> Meeting	<u>4</u> Exceeding
Title & Interesting Facts	Title & picture are missing. Vertebrate group and traits are missing or incorrect. Missing interesting facts.	Title & picture are not clear. Listed few group traits or traits are incorrect. Listed less than 3 interesting facts.	Has a title & picture. Most vertebrate groups are correctly listed. Listed 3 interesting facts.	Has a creative title. All vertebrate group traits are correctly listed. Listed more than 3 interesting facts.
Habitat & Survival	Incorrectly explained survival needs. Many or all may be missing. Habitat is missing or described incorrectly.	Less than 4 survival needs are correctly explained. Habitat is described with some errors.	All 4 survival needs are correctly explained. Habitat is correctly described and picture is included.	All 4 survival needs are very clearly explained. Habitat is clearly described and picture is included.
Adaptations	Incorrectly explained physical and behavioral adaptations. or Missing explanations of physical and behavioral adaptations.	Correctly explained only 1 physical and 1 behavioral adaptation, or listed 2 of each but some explanations are incorrect.	Listed 2 physical adaptations and explained correctly. Listed 2 behavioral adaptations and explained correctly.	Listed more than 2 physical and behavioral adaptations and clearly explained how the animal uses them.

Poster Presentation	Poster is not neat and/or has many grammatical errors.	Poster is neat but has several errors. or Poster does not have many errors but could be neater.	Poster is neat with some grammatical errors.	Poster is neat with few or no grammatical errors (spelling, punctuation, capitalization, etc.)
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