Project Explanation

As a class, you are coordinating a campaign to save endangered species. You will be making an informational ABC children’s book to promote your campaign. You need to inform and convince the public (elementary age children and me) why this is important and a worthwhile cause to support.

The **MINIMUM** information is required:

- Basic facts about your endangered/extinct species (description, size, habitat, diet, etc…).
- Describe the environment in which your species lives/lived.
- Type of reproduction (How does/did this species reproduce?)
- Adaptations (What adaptations does /did your species have in order to survive in its environment? If it is extinct, what adaptation did it lack in order to survive (if possible)? What is a new adaptation your species could have to prevent it from extinction or could have stopped it from becoming extinct?)
- Reason(s) for being an endangered (Why is this species considered an endangered species?) or extinct species (Why is this organism extinct? What happened?)

Be creative!! You will be creating a one page (double sided) advertisement on an endangered/extinct species. You will be assigned one letter of the alphabet to design your page around. You will be graded on content (meeting at least the five points above), creativity and grammar. You need to demonstrate that you clearly understand the types of reproduction and adaptations.

### Project Timeline: May 2013

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<td>Earth Science Assessment</td>
<td>Day 1: Select a species and brainstorm (laptops)</td>
<td>Day 2: Work Day (laptops)</td>
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<td>Special Presentation!</td>
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* Each day there will be a mini-lesson over the following life science standards:
  - asexual/sexual reproduction (LS.1, LS.2)
  - behavioral, structural and physiological adaptations (LS.3)
  - evolutionary theory and extinction (LS.4 and LS.5)
Endangered Species Research Websites

World Wild Life Website: http://www.worldwildlife.org/

Species Fact Sheets: http://www.kidsplanet.org/factsheets/map.html

Animal Planet Website: http://animal.discovery.com/guides/endangered/endangered.html


Grolier Encyclopedia: Destiny Icon→Genoa Middle School→Grolier Online→search your animal

Rubric

___/10 Basic facts about your endangered species. (description, size, location, diet)

___/10 Description of the habitat/environment.

___/15 Discuss of reproduction (type, number of offspring, frequency)

___/15 Description of adaptations (3 adaptations necessary to survive)

___/15 Reason(s) for being an endangered species. (1-2 clear reasons why this species is endangered)

___/10 Description of new adaptation

___/5 One or more colorful pictures of your endangered species.

___/10 Creative and Neat (easy to read format, large and clearly printed letter)

___/10 In Class Work Habit Points (2 points possible each day)

___/100 Total

Teacher Comments:
Endangered/Extinct Species Outline

Animal _______________________  Scientific Name ______________________

Basic Facts and Environment

Description
Color or markings, distinguishing characteristics:
__________________________________________________________________________________________________________________
__________________________________________________________________________________________________________________
__________________________________________________________________________________________________________________

Size
Length: ________________

Weight: ________________

Shape: ________________

Diet
__________________________________________________________________________________________________________________
__________________________________________________________________________________________________________________

Habitat
Part of the World
__________________________________________________________________________________________________________________
__________________________________________________________________________________________________________________

Environment
__________________________________________________________________________________________________________________
__________________________________________________________________________________________________________________

Reproduction

Family Life
Type of Reproduction: __________________

Number of offspring per birth: __________________

Gestation Period: __________________

Social behavior (how often do they reproduce, unique facts about reproduction, etc...)
__________________________________________________________________________________________________________________
__________________________________________________________________________________________________________________
__________________________________________________________________________________________________________________
Endangered/Extinct Species Outline

Adaptations
List and explain three adaptations this animal has/had to survive in its environment:

1. ______________________________________________________________________
   ______________________________________________________________________
   ______________________________________________________________________

2. ______________________________________________________________________
   ______________________________________________________________________
   ______________________________________________________________________

3. ______________________________________________________________________
   ______________________________________________________________________
   ______________________________________________________________________

Why Endangered/Extinct

Status
List and explain two reasons why this animal is endangered/extinct:

1. ______________________________________________________________________
   ______________________________________________________________________
   ______________________________________________________________________

2. ______________________________________________________________________
   ______________________________________________________________________
   ______________________________________________________________________

For each reason, come up with a solution to solve the problem.

1. ______________________________________________________________________
   ______________________________________________________________________
   ______________________________________________________________________

2. ______________________________________________________________________
   ______________________________________________________________________
   ______________________________________________________________________

New Adaptation
Describe one realistic new adaptation that could save this animal from extinction.
__________________________________________________________________________
__________________________________________________________________________
__________________________________________________________________________