

‘Create Your Own Animal’ Project

You have learned about the classification system, interrelationships and adaptations of animals. Now it is time to design your own animal! You will be creating an **artistic representation** of your animal and an **informational brochure** about your animal to convince the government to conserve their habitats.

Your drawing should include:

- Structural adaptations

Your brochure should include:

- Name of species
- Classification (E.g. vertebrate – mammal; invertebrate – mollusc)
- Structural and behavioural adaptations
- What does it look like (E.g. appearance, size)?
- Where does it live?
- Gender differences (E.g. male peacocks are more colourful than females; female kangaroos carry their offspring in pouches)
- Age differences
- How does it get around? (E.g. runs in a herd)
- What does it eat?
- How does it fit into the ecosystem? (relationships within species, between species, and between a species and the environment)
- A list of the consequences if this animal goes extinct

BONUS:

- Explain what is causing your species to go extinct

Due Date: Thursday, December 20th, 2012

'Create Your Own Animal' Rubric

Expectation	Level 1	Level 2	Level 3	Level 4
Knowledge				
Geographical location	Refers to where the animal lives with limited accuracy	Refers to where the animal lives with some accuracy	Refers to where the animal lives with considerable accuracy	Refers to where the animal lives with a high degree of accuracy
Application				
Understanding of ecosystems	Animal's involvement in ecosystem is described with limited effectiveness	Animal's involvement in ecosystem is described with some effectiveness	Animal's involvement in ecosystem is described with considerable effectiveness	Animal's involvement in ecosystem is described with a high degree of effectiveness
Thinking				
Animal's characteristics	Animal's characteristics are matched to the environment with limited reasoning	Animal's characteristics are matched to the environment with some reasoning	Animal's characteristics are matched to the environment with considerable reasoning	Animal's characteristics are well suited to the environment with high degree of reasoning
Communication				
Word choice	Uses scientific terminology with limited effectiveness	Uses scientific terminology with some effectiveness	Uses scientific terminology with considerable effectiveness	Uses scientific terminology with a high degree of effectiveness
Persuasiveness	Consequences of extinction are not evident	There is some evidence of the consequences of extinction	There is considerable evidence of the consequences of extinction	There is a high degree of evidence of the consequences of extinction

Design of animal	Artistic representation has limited resemblance to written description	Artistic representation has some resemblance to written description	Artistic representation has considerable resemblance to written description	Artistic representation has high degree of resemblance to written description
Visual appeal	Representation of their designed animal is presented with limited evidence of creativity and thoughtfulness.	Representation of their designed animal is presented with some evidence of creativity and thoughtfulness	Representation of their designed animal is presented with considerable evidence of creativity and thoughtfulness	Representation of their designed animal is presented with a high degree of evidence of creativity and thoughtfulness