Roper Mountain

Teaching Guide: Amazing Animals

Thank you for choosing Amazing Animals! We invite you to join our team at Roper Mountain as we work together to develop a new animal classification display exhibit! Students will observe amazing animals, make observations about the animals, and use them to classify each animal based on its characteristics. The students will even get to develop their own classification groupings within their teams.

Pre Activities:

- Vocabulary Review- Vertebrate, invertebrate, classification, characteristic
- Create a KWL chart of animal classification knowledge

Before the Program Instructions:

- Print and cut Amazing Animal sheet – 1 per group
- Students can use scrap paper or journals to gather their observations
- Talk with the students about the program- "We've been asked by Roper Mountain to help design a new exhibit that they are putting in. We're going to help them with ideas for their new animal classification display."
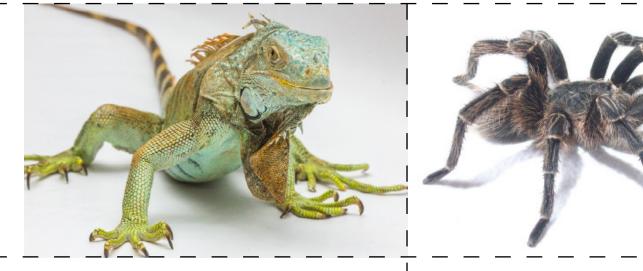
Instructions for Day of the Program:

- Arrange students in 4 – 5 groups
- Each group and student will ideally be visible from the webcam.
- Distribute cut out Animal sheets to each group
- Distribute scrap paper or journals and pencils to each student, if desired.

Post Activity

- Read All About It- A new animal has been discovered by your students. They will draw, choose characteristics, and classify it to provide information for a newspaper article. You are able to set parameters (vertebrate/non vertebrate etc.)
- Design a display board and send to Roper Mountain for Consideration
- Enter your own animal for the exhibit- Send video, essay, or drawing to Roper Mountain Science Center.
- Pick an amazing animal to create a life cycle drawing for.
- **Career Connection**
    - Animal Caretaker
    - Biologist
    - Vet

Roper Mountain
Amazing Animals

Invertebrate

Vertebrate

READ ALL ABOUT IT!

Animal Name: _____   Your Name:_____

Directions: You have just discovered a new species of animal. A newspaper reporter has contacted you to do a short story about your new animal. The reporter asked for you to provide a few details for the article. You will need a picture of your animal and to fill out a few other questions in order to classify it for the reporter.

Picture of Animal:

Habitat: _____

Why is this animal suited for this habitat?

_____

_____

Movement:

_____

_____

Diet:

_____

_____

Vertebrate or Non Vertebrate/ Classification Group:

_____