

Vertebrate Tri-Mind Activity Opportunities

Learning Goals

- ★ Explaining the characteristics of each vertebrate group.
- ★ Comparing & Contrasting the similarities and differences between the different vertebrate groups.

Analytical Vertebrate Scientist	Practical Zoo Manager	Creative Model Maker
<p>You are a scientist who must explain the characteristics of the vertebrate groups to lay people.</p> <p>Your task is to create a chart that compares and contrasts the traits of the five vertebrate groups:</p> <ul style="list-style-type: none"> *Fishes *Amphibians *Reptiles *Birds *Mammals <p>Your chart should explain the similarities and differences of the different vertebrate groups. Your chart should be more than just a simple Venn Diagram - Be creative!!</p>	<p>You are a manager of a zoo and you have been tasked with choosing ONE animal from each vertebrate group to represent that vertebrate group.</p> <p>Your task is to create signs or a poster for each vertebrate group featuring a picture of one animal from that group. You should list the characteristics of each vertebrate group with your picture.</p> <ul style="list-style-type: none"> *Fishes *Amphibians *Reptiles *Birds *Mammals <p>Your project should explain the characteristics of each vertebrate group through a slideshow or poster.</p>	<p>You are a model maker for a scientific research company and you have been asked to create a model that shows the different vertebrate groups.</p> <p>Your task is to create a model (visual, 3D, or artistic) that demonstrates the similarities and differences of the five groups of vertebrates.</p> <ul style="list-style-type: none"> *Fishes *Amphibians *Reptiles *Birds *Mammals <p>You should include an infographic, a leaflet, or a song that explains how your model demonstrates the similarities and differences of the vertebrate groups.</p>

Questions EVERYONE should answer in their project.

1. Why are vertebrates classified into the animal kingdom?
2. What characteristics do all vertebrates have in common?
3. Why are vertebrates divided into five groups?

_____ I turned in my assignment in Google Classroom

_____ I am attaching my assignment to this paper

Rubric	Concerns <i>Areas that need work</i>	Criteria <i>Standards for Performance</i>	Advanced <i>Evidence of Exceeding Standards</i>
Content / Accuracy		*You include answers to all three of the questions everyone should include!	
Content / Accuracy		*You thoroughly describe OR compare and contrast all 5 of the vertebrate groups!	
Focus		*Your work does not stray from the topic of comparing and contrasting vertebrates.	
Class Time		*You consistently stayed on task.	
Mechanics		*Consistent control of spelling and punctuation	