

Animal Adventurer

Greetings! Animal Adventurer is an exploration company known for its fantastic expeditions around our big, big, world and also our small, micro world (insects, bugs, etc.). You are being hired as a scientist on an exploration of the Animal Kingdom to investigate any of the 36 animal phylum. Your mission is to study the animal (big or tiny) and to showcase its wonders to your audience. Have an amazing, learning adventure!



INSTRUCTION

Create Google slides to present & showcase your animal. You can present this on Zoom as a slideshow or write out the presentation. Those who choose to present on Zoom can just orally present the information (7-15 minutes, as long as it covers the "What to Include" list). If you are unable to present on Zoom class, you must write your presentation in full sentences (NOT outlines or notes) on "What to Include".

Research animal w/ Google or use following website:

<https://www.nationalgeographic.com/animals/facts-pictures/>

<https://www.onezoom.org/>

WHAT TO INCLUDE

★ Google Slides presentation with images, photos, or necessary labels to present the following:

★ Common name: "ex: Golden Jellyfish" _____

★ Scientific Name: ex: *Mastigias eponi* _____

★ Type: Invertebrate/Vertebrate _____

★ Symmetry: are they radial, bilateral, both, asymmetrical? _____

What is/are the benefit(s) of its shape? _____

★ Description of animal (write or present 2-3 paragraphs to include these)

- Habitat (natural home or environment of the organism)
- Where are they? Where do they come from? Where do they go?
- Structural adaptation (What are they made up of structurally? What do they look like? How big are they?)
- Functional adaptation (ex: body shape allows jet propulsion, enveloping food, etc.)

★ Behavioral adaptation (present or answer these questions)

a) Innate. What are their inherent traits/abilities? _____

b) Imprinting (if applicable), Do they migrate/hibernate? _____

c) Conditioning. How are they conditioned in their environment? _____

Ex: Golden Jellyfishes are conditioned to swim toward sunlight every day from east to west of the lake, this maximizes food

production by ingested algae using photosynthesis...

★ **Fun facts on this animal species?** _____

(these can be its history, evolution, traits/abilities, behaviors related to homeostasis, growth, reproduction, food/energy, stimuli)

★ **Explain how they interact/communicate with one another?** _____ (sound, light, smell, body language, etc.)

★ **Danger Zones. What should other animals like humans be careful or look out for?** _____

(ex: The Golden jellyfish may look jello-y and cute, but watch out for its sting! They also can swarm when threatened...)

Grading Rubric

Animal Explorer	Above Standard (46-50 pts.)	At Standard (40-45 pts.)	Approaching Standard (35-39 pts.)	Below Standard (34 or less)
Animal Showcase Score "What to Include" list	Perfect! Contains all accurate information and explanation or more.	Accurately explains the animal on the "What to Include" list.	Contains some information and fulfills most of the "What to Include" list.	Information is vague, incorrect, or missing.
Overall Slide Presentation (Creativity, originality, style, will also be awarded bonus points)	Excellent on presentation or written explanation.	Accurately written, described, or presented.	Incomplete on written or explained presentation	Vaguely presented with many inaccuracies.
Total Score:				