

Group Names:

Behavioral Enrichment Design Sheet

Directions: Everyone from the group should be included in creating your design! Using the identified criteria and constraints, answer the questions and create a sketch of your orangutan behavioral enrichment design. Make sure to label and include enough detail so that someone can understand what the design is just by looking at the sketch.

Criteria: Design a challenging, creative behavioral enrichment item that matches the abilities, needs, and natural behaviors of an animal.

Describe how your idea will meet the criteria of the problem.

- How will your design benefit orangutans at the Phoenix Zoo?

- What natural behaviors or abilities will your design focus on?

Is your design meant for a specific orangutan at the Phoenix Zoo or for any orangutan? Explain why.

Constraints: Describe how your idea will meet the constraints of the problem.

- Time: When is your project due?
- Resources: What supplies will you need to build a prototype of your orangutan BE? Where will you get them?
- Size/Dimensions: What dimensions (size) will your prototype need to be? Is that the true size for the real thing? Make sure to label what the real size would be!
- Safety Concerns: Describe safety features you will add to your design and how they will help protect the orangutans.
- Easy to Clean for Zookeepers: Describe how often you think zookeepers will need to clean, maintain or replace the BE.

Important information for your presentation:

- How did your group come up with the idea?
- Describe how the animal should use your behavioral enrichment.
- How did you change your design to fit the feedback you received?

Create a detailed sketch of your design and label:

(Don't forget to label its real size and what real materials you would use!)

