

Create A Zoo Mini Challenge

Name: _____

Date: _____



Problem Scenario:

How do animals in a zoo stay safe, what constitutes food, and who needs to live with whom?

Challenge:

Create a “zoo” to identify how, In nature, animals:

- 1) Live together
- 2) How do animals see each other?
- 3) How do we classify predator and prey?
- 4) How do humans classify animals?

Criteria: Download and print animals for cutting out/ tape/ scissors / toothpicks/ some sort of basket markers or crayons

- Identify the needs of the animals in your zoo: food, shelter, natural habitat, socialization, health care, quality and length of life

1. Brainstorm: Use the space below to brainstorm the design and approach to building a zoo.

- Make your cut out animals
- What animals are prey?
- What animals are predators
- Which animals fly?
- Can flying animals the predators?
- How does a zoo keep animals contained and safe?
- What about flying animals?
- Do you only birds fly?
- What do animals eat?

2. Design:

1. Choose your animals.
2. Color or decorate your animals – be creative!
3. Organize your animals into groups.
4. Consider how you classify animals.

6. Evaluate:

Share your animal with someone and be able to answer questions about the animals.

5. Modify:

- Can you build a zoo for just birds? What special things will you need? Can you build just an aquatic zoo?
- How will you feed and shelter all of your animals?
- What are the relationships between the size and habitat of each animal?

3. Build:

1. Create a zoo with spaces separated with fences and cages.
2. Fashion a place for flying birds and flying animals.
3. What do you want your zoo to look like?
4. How are people visit your zoo?
5. Name your zoo.

6. Share:

Share your creation on Social Media!

Tag us on Facebook, Twitter or Instagram @pastfoundation

Use the hashtag #ThisIsPAST or #DesignThinking