Create A Zoo
Mini Challenge

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 be 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.

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.

4. 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?

6. Share:
   Share your creation on Social Media!
   Tag us on Facebook, Twitter or Instagram @pastfoundation
   Use the hashtag #ThisIsPAST or #DesignThinking