



## PreK-Kindergarten Grade Challenge

Prompt: You will get to be a zoologist who is creating a habitat for an animal. It is your job to create a habitat that has all the things the animal needs to survive.

### Rules:

1. Explain to students that they will choose an animal to create a habitat for at a zoo. They will then decide what things that habitat needs to make sure the animal will survive and be happy.
  - a. The pages at the back of this pack have some suggestions for animals and their habitats.
  - b. Students can also choose their own animals and habitats.
2. The habitats must include the following:
  - a. A model of their animal
  - b. Food, water, shelter, and other items to keep an animal safe and happy
  - c. A sign welcoming visitors to the habitat
3. The only permitted supplies are recycled materials and common classroom art and building supplies. See page with list of suggested materials.
4. Adults can help provide guidance on projects, however we want students to be in charge of creating! We expect all projects to look like children made them!
5. Adults must submit the entries by **December 8, 2019 at 11pm EST.**

### Entry must include the following:

1. First name of student(s) who completed the project.
2. Up to 4 pictures of the project at different angles.
3. 3-5 sentences introducing the habitat and the animal. Students can dictate this to the teacher and the teacher can write it out.
4. Entry must be submitted as a Powerpoint presentation. Please look at the Challenge website for an example.

### Rubric:

30 points: Creativity (out of the box thinking and creative use of materials)

10 points: Solved challenge question (fulfilling the requirements of the prompt)

10 points: Paragraph description on their project (creative and clear explanation of project)



## General Supplies List

This is not an exhaustive list – please add your own supplies

## Suggested Art Supplies:

- Pipe cleaners
- Tissue paper
- Colored construction paper
- Popsicle sticks
- Markers, crayons, colored pencils
- Glue and tape
- Straws

## Suggested Building Supplies and Recycled Materials

- Tinfoil
- Cardboard
- Plastic cups
- Jars
- Loose parts! Nuts, bolts, PVC pipes, tubes
- Fabric
- Egg cartons
- Crazy items! Pool noodles, seashells, etc.

# What Animals Need

Read about what each animal needs in its new habitat.

## Tarantula:

- A lot of land to build their nests. Tarantulas burrow or build dens out of silk. They don't make the same kinds of webs as other spiders.
- A lot of insects to eat.
- A lot of places to hide.
- Warm, dry climates.



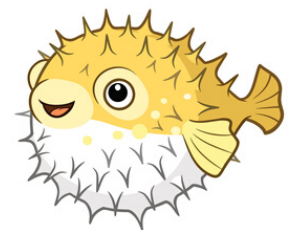
## Groundhog

- Groundhogs love to live right on the edge of the woods. Usually, between the woods and a grassland or riverbed is their favorite spot.
- Grasses, berries, and other plants to eat.
- Soil soft enough to dig a burrow in.
- Water to drink.



## Pufferfish

- Live in salt water.
- Eat clams and other fish to eat.
- Eat seaweed and grass.
- Swim in warm waters.



# Choices for New Homes

**This nature preserve is best for animals who live on land. There are lots of places to hide behind rocks and cacti. There are lots of insects living here.**



# Choices for New Homes

**This nature preserve is best for animals who live on land. There are tall grasses and lots of trees. There is a pond to provide water.**



# Choices for New Homes

**This nature preserve is best for animals who live in salt water. There are lots of shelled creatures living in this preserve.**

