



## Preschool – Kindergarten Challenge Options

### PreK-K: Architecture Challenge

Prompt: Build a new home (enclosure) for elephants at the Rozzy Zoo!

#### Rules:

1. Have kids build a new enclosure for elephants. We keep the prompt open ended so kids can come up with their own ideas! See page with example enclosure.
2. The only permitted supplies are recycled materials and common classroom art and building supplies. See page with list of suggested materials.
3. Adults can help provide guidance on projects, however we want kids to be in charge of creating! We expect all projects to look like children made them!
4. Adults must submit the entries by **November 22 at 11am EST.**

#### Entry must include the following:

1. Name of kid(s) who completed the project
2. Up to 4 pictures of the project at different angles
3. 3-4 sentence description on their project (we want to understand what they made and why they made it)

#### Rubric:

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

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

5 points: 3-4 sentence description on their project (creative and clear explanation of what kids created in their own words)



## PreK-K: Design Challenge

Prompt: Build a 3-Dimensional ice Cream cone for Rozzy's ice cream shop!

### Rules:

1. Have kids build a 3D ice cream cone of a new flavor they want to try. We keep the prompt open ended so kids can come up with their own ideas!
2. The only permitted supplies are recycled materials and common classroom art and building supplies. See page with list of suggested materials.
3. Adults can help provide guidance on projects, however we want kids to be in charge of creating! We expect all projects to look like children made them!
4. Adults must submit the entries by **November 22 at 11am EST.**

### Entry must include the following:

1. Name of kid(s) who completed the project
2. Up to 4 pictures of the project at different angles
3. 3-4 sentence description on their project, making sure to include the new flavor of ice cream (we want to understand what they made and why they made it)

### Rubric:

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

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

5 points: 3-4 sentence description on their project (creative and clear explanation of what kids created in their own words)



## Example Projects and Descriptions

### Elephant Enclosure Example



My home has a baby elephant and a mom elephant. There is water for them to drink. And the purple stuff is their food. I used cardboard and paper to make it. The feathers are their toys.

### 3D Ice Cream Cone Example



My ice cream cone is berry with purple sprinkles. You can't eat the cone because it is not real. You have to pretend to lick it. I made it with popsicle sticks and paper, and purple marker.



## **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.



