

# 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)



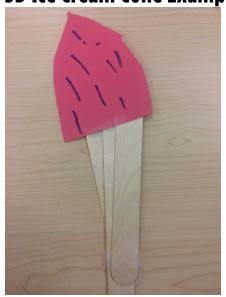
# **Example Projects and Descriptions**

# **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.

