



Middle School Challenge

Prompt: Choose a famous place from a different country than the one you live. Build a model of that place and then add a tourist attraction that will encourage people to visit!

Rules:

1. Explain to students that they will choose a famous location and create a tourist attraction that will make people want to visit that place. Students can choose anywhere in the world, except a place that is in the country they live in. Have students use the Internet to conduct research on different places around the world. See next page for examples of locations.
2. Once students have chosen a location, they must add a tourist attraction. Students should follow the steps starting on page 4 to create their tourist attraction.
3. The tourist attraction must include the following:
 - a. Have a sign with a name for the tourist attraction
 - b. Follow the requirements on the tourist attraction information pages
 - c. Be engaging and fun for people to make them want to come visit
4. The only permitted supplies are recycled materials and common classroom art and building supplies. See page with list of suggested materials.
5. 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!
6. 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. A paragraph describing the location they chose and the attraction and why they think this attraction will bring more people to the location.
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)



Example Locations to Choose



Taj Mahal – India



Machu Picchu – Peru



Sydney Opera House - Australia



Stonehenge - England



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.

Creating A Tourist Attraction

Option 1: Zipline



Requirements:



Platforms for people to stand on before and after they ride the zip line.



Trolley for people to hold onto while they are carried along the zip line. Your trolley must be able to move along the cable you create.



Cable that is at least 16 inches long and is attached to both sides of the platform.

Option 2: Waterslide



Requirements:



At least 10 inches tall.



Made of water-proof materials so
real water can go on the slide.

Option 3: Paragliding



Requirements:



Has a harness.



Has a reserve parachute tucked underneath the harness.



Has multiple lines, including break lines.



Has a paraglider wing or parachute.

Option 4: Parachute



Requirements:



Must have a large canopy to act as a parachute.



Must have a harness to attach to the person wearing it.



Must have landing points near the location that will not harm any buildings or wildlife.

Option 5: Rock Climbing Wall



Requirements:



Must have a front and a back side.



Must have rocks on the front side that people can climb on.



Must not harm any existing structures or wildlife.