

Structures Photo Scavenger Hunt

Engineering Mechanics

Project:

Create a presentation to include a visual example of the following seven types of structures.

- Beam Structure (Concrete or steel)
- Arch Structure
- Cable or Suspension Structure
- Dome or Shell Structure
- Truss Structure (2-D)
- Space Truss (3-D)
- Wild Card ~ something unique or a combination of the above.

Instructions:

Assemble a team with four or fewer members. For each structure, prepare a short verbal description, and include a photo of the structure that features at least one team member. Each group will present their project to the class. Project presentations should be no longer than 5 minutes in length, including no more than 10 slides. Presentations will be given on the date shown on the class calendar. You cannot use images taken before the start of the current quarter or semester.

Notes:

I encourage you to be creative! A group can earn a 10 percent bonus if all of their structures are unique (not used in another group's presentation).

The follow site is a good reference: <http://nisee.berkeley.edu/godden/>