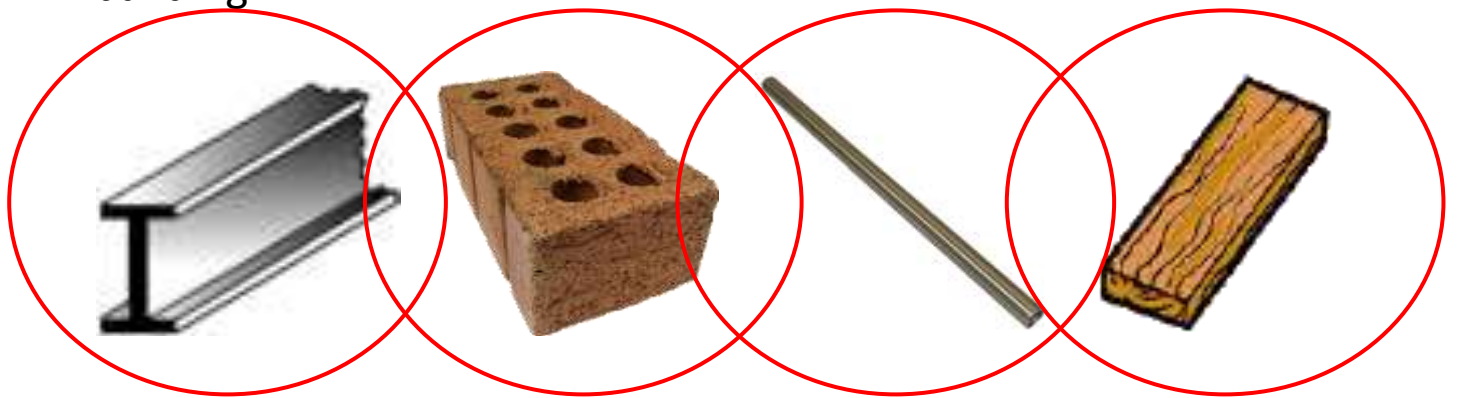


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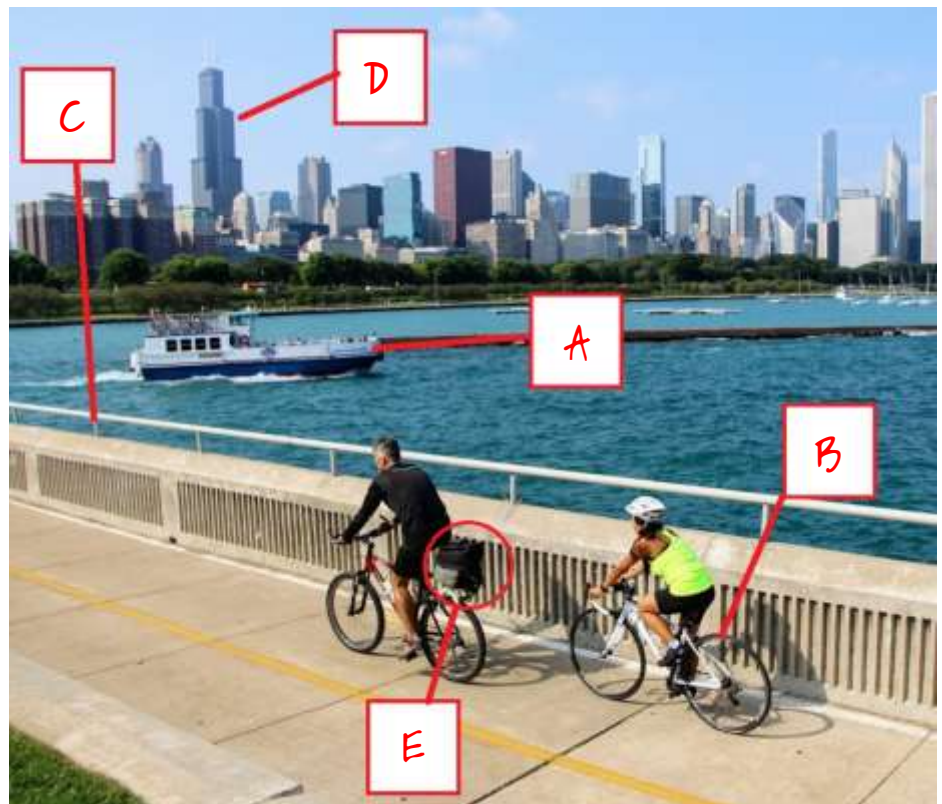
# STRUCTURE

We have learned that **structure is the supporting framework of an object** (the stuff that holds it up). The structure of an object has to be made of a material that can hold up the structure. Circle the materials that make good structural parts for a building.



Below are some objects that rely on solid structure. Each of these objects has a purpose. Match the purpose to the objects.

- A. To travel on water.
- B. To provide exercise.
- C. To keep people safe.
- D. To provide shelter.
- E. To hold things.



*\*Note, there are multiple answers for each. All B could be "E."*

Before a building is designed, an architect must first figure out the purpose of the building. Below is a list of criteria for a building. You are to be the architect and design a building to fit this purpose.

1. The building needs to hold 100 people.
2. The building is going to be used for holding meetings about the environment.
3. The building is in Canada, so it has to stand up to a lot of snow.
4. The building is to run on solar power.
5. The building must look nice.
6. There needs to be trees around the building.

