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.
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.