

RICHTER 9.0

PROBLEM STATEMENT

The task is to design and build a model structure which will be able to withstand the damaging motions caused due to simulated 1-D seismic waves. The structure should abide by the following constraints-

1. Total height of Structure: 4 feet
2. Maximum base area of the structure: 1 feet × 1 feet*
3. Height of each floor: 5 to 6 inches

***NOTE:** Only the base area is constrained to a maximum of 1 ft², rest of the floors can be provided with any area as per your necessity.

IMPORTANT INSTRUCTIONS:

The complete structure should be submitted by **3:00 pm on 10/02/2019**.

The results will be declared afterwards.