SHPE’s Engineer’s Day Proposal Rule Sheet : Movers Challenge

**Objective**

Design and build a device that would move a marble across a room at least 12 ft.
The winners will be determined by the team that meets all the rules and moves the marble the longest distance.

**Movers Challenge**

Materials:
- 1 Marble
- 1 balloon
- 3 straw
- 1 roll of tape
- 30 ft of string
- 1 large rubber band
- 2 paper clips
- 1 square of cardboard
- 1 pair of scissors

**Rules**

- The marble cannot touch the ground from start till at least 12 feet across the room
- The marble cannot be moved across the room by a person (no throwing, no carrying)
- Only use the materials provided
- Each team has to have their own design (no copying other teams design) but teams can copy concepts
- Complete task in 45 minutes