Shoot The Moon

Aim	To throw an object accurately over a set distance using a trebuchet (a medieval siege warfare weapon used to attack the walls of castles).

Materials

1 metre rule	1 C-Clamp	1 Dowel Pin
1 projectile	1m string	6 weights
3 targets	Blu tack	Styrofoam cups
Rubber bands	sticky tape	scissors

Method

- Construct a trebuchet that accurately launches the projectile

- After construction, the scores of 10 shots within a two-minute period will be summed to determine the final score.

Conditions

- The trebuchet must be built only the materials provided.
- The targets must be no less than 1.5 m and no more than 4 m from the trebuchet pivot point.

Time limit   15 minutes for construction followed by 10 shots over a two-minute period supervised by a marshal.

Ranking   The ranking order will be determined by the final score.

Team [ ]   **Result** [ ]

Do not write below line

Rank [ ]