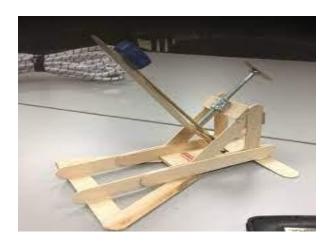


Kill the King Mousetrap Catapult



Eligibility

Three (3) teams of two (2) members per chapter

Time Limits

Catapult will be built on site.[All catapults will be inspected for safety as well as authenticity]

Procedure

- 1. Participants report to the event area at the time and place stated on the conference map and program.
- 2. Allow each team to fire 3 shots: 2 red & 1 green
- 3. Know the green beanbag counts for double points
- 4. They may fire their 3 shots in any order
- 5. Team with the highest score total of the 3 shots wins
- 6. In case of a tie, a run off round at 15' may take place.
- 7. Have contestants take 2 or 3 practice shots for each team.

Regulations

Build a catapult capable of launching mini beanbags (2") at a target 10 to 12 feet away.

- 1. The source of power will be a standard, non-modified Victor mousetrap
- 2. The swing arm will be a ¼" dowel, maximum length of 15" long, with a spoon or similar holding device for holding the beanbag
- 3. Create a release mechanism using a minimum of 5' of string
- 4. You may add a stop bar to the catapult
- 5. You may include a wedge or mechanism to increase/ decrease the angle of attack

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- 6. Create a base by stacking and gluing together 18" x 18" pieces of cardboard until you reach a depth of 1 to $1\frac{1}{2}$ "
- 7. The mousetrap is to be securely mounted to the base

Materials

- 1. Standard, non-modified Victor mousetrap
- 2. 1/4" dowel, maximum length of 15" long
- 3. Spoon or similar holding
- 4. 5' of string
- 5. Cardboard
- 6. Can use PVC, Plastic, wood, hardware, paracord, robe, string, glue