

Rules for Trebuchet Contest

We will have separate categories for:

Schools – no charge

Colleges – no charge

Corporate - \$5.00

Open Class - \$5.00

Trebuchets will be built with gravity power only. No energy other than gravitational potential energy. Counter weights can not include springs, explosives, electrical devices, elastic material, flexible arms or deformed components which store energy. Must be crank or winch.

Primary structure must be wood. Structural components may be metal including load bearing, hinges, fasteners and axels. No welding or brazing for structural components. No plastic. Axel may be steel or metal.

Wheels must be chocked or locked. Can put extra weight on base to stabilize.

2 arm locking mechanism. 1 for release and 1 for safety.

Must be able to sling 1 gal milk jug filled with water approximate distance of football field (100 yards).

Gloves and safety glasses will be worn by each member.

Each team will have 2 min to launch once told it is their turn. How many turns each team will get will be provided at a later date once we know how many teams are participating.

Points given to proximity of target.

Each team member on field will sign a liability waiver.