

## Tractor Pull

**Level:** Beginner

**Number of robots:** 1 per participant

**Robot Weight:** Any

**Robot Dimensions:** Any

**Robot Control:** Autonomous

**Number of robots competing per round:** One

### Summary:

A robot attempts to pull the most weight over a given distance.

### Event Rules:

Each robot connects to the tow line by hooking the paperclip onto its robot.

A unit of weight (full soda cans work well) is placed on the sled. Each robot takes a turn trying to pull the weight to the finish line.

Once a robot passes the finish line that weight class is closed and the weight is increased. In the event a robot doesn't reach the line a small piece of tape can be used to mark the current record.

Competition continues until a clear winner prevails.

### Scoring:

The robot that pulls the most weight the farthest wins. In the event that there is a tie, the robot that pulls the most weight the farthest in the shortest amount of time is the winner.

**Playing field:** A strip of black tape is placed on the floor to create the threshold.

The sled consists of a piece of string with a paper clip tied to one end and a clipboard attached to the other

Place a piece of tape 10' or so away from where the robots start to make a finish line.

