

RUBE GOLDBERG DESIGN CONTEST

- Students will work in teams of up to 6 students
- Students will be given a work station and a bag of junk, I mean, supplies
- Students will create a machine designed to perform a task of your choice
 - Teeing up a golf ball
 - Kicking a field goal
 - A marble landing in a cup
 - Making a basket – ball through a hoop
- The machine must be made up of various sub-systems designed and built using only the supplies given
- A minimum of 5 sub-systems is required
- Students must state, in writing, what task(s) the machine is designed perform and turn in to the judges prior to demonstrating their machine
- Students will demonstrate their design before a judge once their machine is complete
- Each team will be allowed a maximum of 1 hour to design and build their machines
- Additional (replacement) supplies will not be given
- Machines will be judged on: design/creativity, use of materials, number of sub-systems, and functionality