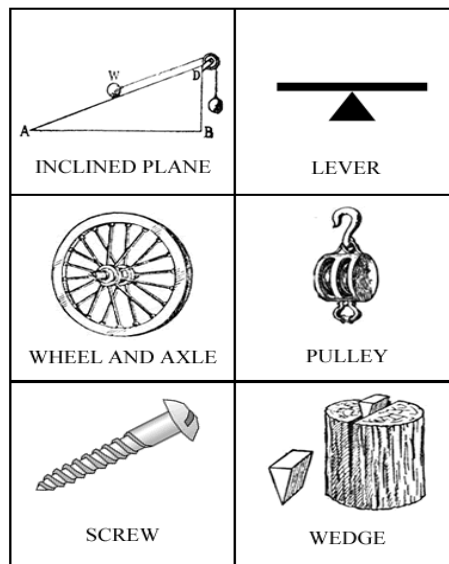


## Rube Goldberg

Welcome to the Rube Goldberg Project. In this project you and your teammates will be planning, designing and building a machine to carry out a simple task. In this chain reaction machine:

- You **must have** 6 steps of energy transfer.
- Your machine must include 4 of the 6 simple machines.
- You must keep a sketch of each step with revisions as you go along and submit these files via your team's dropbox.
- You must keep a daily journal of your progress and challenges that you will submit these files via your team's dropbox.
- Each machine will be tested and scored at the end of the build.
- You will have to present out in a gallery walk fashion to your peers and a few special guest about how your machine works and discuss your thought process.
- We will be providing basic building supplies: cardboard, sticks, glues. But anything else you want to add to your machine must come from home. You do not need to buy anything. All building must be done in class with your team.
- Builds will be graded on completeness, neatness, completion of extra task (Notebook and drawings) as well as team work grades.
- All steps must be cleared by Heath, Lancaster, and Kestler for safety.
- Physics Students you will be tracking the Energy Transfer from one step to another. AP you will be doing the energy loss in each step. Following the momentum and the energy of each part.



Team Members: \_\_\_\_\_

Task: \_\_\_\_\_