

Friday Funday! Rubber Band Car

Welcome to Friday Funday! There are only 3 things to do today.

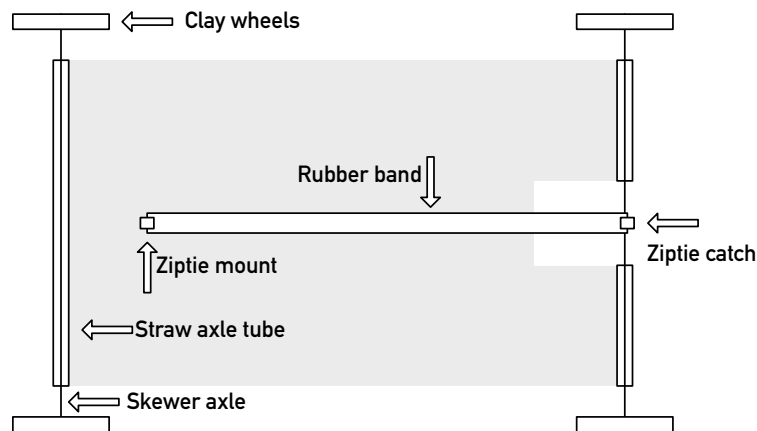
1. Make a rubber band car.
2. Calibrate it so you can have it go an arbitrary distance with only one try.
3. Win!

Rubber Band Car

You have the following materials:

- 1 - 250mm x 125mm piece of cardboard
- 100g - Clay
- 2 - Skewers
- 2 - Straws
- 2 - Zipties
- 2 - Rubber bands
- 1 - 500mm piece of tape

The proposed design is:



Details

Towards the end of class there will be a contest to see who can get their car to travel the closest to a randomly chosen distance.

This means that you should quickly construct a car then run experiments so that you can make it travel any known distance.