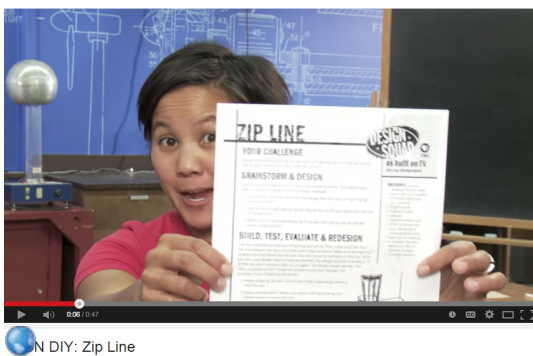


Design Squad: Zipline Challenge



DIY: Zip Line

* Design Process...

[Download](#)

Instructions

1

Here are some of the materials you can use

- cardboard (from a cereal box or back of a notepad)
- paper clips
- Ping-Pong ball
- 4 plastic straws or skewers
- scissors
- single-hole punch
- 2-4 small paper cups (3-oz. [89 ml])
- smooth line (4 ft. [1.2 m]) (fishing line or unwaxed dental floss)
- tape (duct or masking)
- weights (10 pennies or 5 flat steel washers [1-in. (2.5 cm)])

Do steps #1 - 6 on a blank sheet of paper with your name on it...pass in tomorrow?

Challenge...

Design a ping pong carrier to go on a 4 foot zipline with a 2 foot drop in exactly 4 seconds!

Tymek's Design from MAKE 1.0

KEY ELEMENTS:

- attachment to zipline
- create friction
- * braking system

