



## DESIGN CHALLENGE

## Move the Can

Using a string, you must move an unopened can across the floor, keeping it upright, as far as you can. However, the string may not touch the can!

### What You'll Need

- 3 clothespins
- 2 paper clips
- 2 sheets of paper
- 5 mailing labels
- 6 straws
- 12 three-foot length of string
- 1 unopened can

### Quote



Explain the quote listed in your own words, and then describe how it applies to the design challenge.

"You don't have to be great to start, but you have to start to be great."

- Zig Ziglar



### Reflection Questions:

What aspects of your design worked well?

What aspects of your design did not work well?



### Redesign Challenge:

You must attach the string to the top of the can and pull on it to move the can, keeping it upright. The string must stay parallel to the ground. How would you redesign your can-transporter to meet this challenge?



### Overall Design Reflection Questions:

- What were some interesting discoveries you made while working on the Design Challenges?
  - About the problems? About yourself?
- What were some of the difficulties of the Design Challenges?
  - What made them difficult?
- What were some learning moments?
  - What made them so?
- How can you use what you have learned in the future?

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