



DESIGN CHALLENGE

Suspend It

Suspend an egg from a paper clip hanging from a yardstick that spans two tables that are at least two feet apart.

What You'll Need

- Rubber band
- Yardstick
- 1 jumbo paper clip
- Roll of masking tape
- 3 paper clips
- Paper
- 5 toothpicks
- 2 straws
- 1 index card
- 1 or 2 eggs

Quote



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

"Life comes with many challenges. The ones that should not scare us are the ones we can take on and take control of."

- Angelina Jolie



Reflection Questions:

What were the challenges you faced while designing and how did you overcome them?

What surprised you about this design challenge?



Redesign Challenge:

How would you redesign what you made to suspend two eggs?



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?

For more on design and engineering, check out – Robots to the Rescue Digital Exploration on TGR EDU: Explore tgreduexplore.org/curriculum