Move the Ping Pong Balls
Build a ping pong ball launcher to project ping pong balls into containers that are at least 10 feet away.

What You’ll Need

• 10 toothpicks
• 1 sheet of sticky dots
• 2 drinking straws
• 12" of string
• 5 paper clips
• Ping pong balls
• Containers

Reflection Questions:

Why did you make this type of launcher?

How does this launcher work?

Redesign Challenge:

How would you redesign for the container to be five feet away? How about 15 feet away?

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?

Quote

“Don’t let the fear of losing be greater than the excitement of winning.”
- Robert Kiyosaki

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