Invent a Vehicle
Develop a new vehicle for transporting hazardous waste to a safe place on land.

What You’ll Need
- Paper
- 6 drinking straws
- Square of cardboard
- Clothespins
- 5 mailing labels
- 10 rubber bands
- Newspaper
- 6 toothpicks
- 3 cardboard tubes
- 20 marbles (this is the hazardous waste)

Reflection Questions:
- How does it work?
- How does this design challenge apply to the real world?

Redesign Challenge:
Your delivery route has become flooded. How would you redesign the vehicle to transport the hazardous waste over land and water?

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:
“When you take risks, you learn that there will be times when you succeed and there will be times when you fail, and both are equally important.”
- Ellen DeGeneres

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