Build an Alphabet Block
Create a cube/block with letters of the alphabet using the following materials.

What You’ll Need
- Box or cardboard/paper shaped into a box
- Tape
- Glue
- Buttons
- 2 straws
- 5 paper clips
- 1 12" square of aluminum foil
- 1 2" length of string
- 3 recycled plastic lids
- 3 rubber bands
- Scissors (you may not alter these)

Reflection Questions:
What might you keep the same when you redesign and why?

What did you learn about designing through this challenge?

Redesign Challenge:
How would you redesign your alphabet block for a child who cannot see (by using braille instead of alphabet letters)?

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:

“"It does not matter how slowly you go as long as you do not stop.”
- Confucius

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