Build a Better Candy Bag

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Candy For Sale

- Loads of Candy
- Owners want a new candy bag that is attractive and more functional than the one they currently use.
Design Objective

- Design and implement a candy bag using the available materials
- The bag is to be hand carried with as much candy as possible
- The bag is to be sturdy, functional and aesthetically pleasing
- A design with unusual shape or "twist" is highly desirable
Important Restrictions

- Only use what is given to you to build a better candy bag
Outline and Procedures (1)

- Divide into teams of three (3), Agree on a name for your team
- **Brainstorm and create a sketch of a design of a candy bag**
- Build a model of your design with given materials
Candy Bag

Available Materials

- 3 sheets of plastic
- Tape
- Twine/String
Outline and Procedures (2)

- Predict how much weight the bag might hold

- Test the strength of your bag
  - Only after all sketches and calculations were complete
Outline and Procedures (3)

- Discuss and agree upon a redesigned bag
  - Provide a sketch and estimate of weight to be carried

- Answer reflection questions as a team
Reflection Questions

- What was one thing you liked about your design?
- What is one thing you would change about your design based on your experience?
- How did the materials provided impact your design?