



Build a Better Candy Bag



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IEEE TISP Session
NJIT, Newark
26 January 2019



+ 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)

7

- Predict how much weight the bag might hold
- Test the strength of your bag
 - Only after all sketches and calculations were complete



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Outline and Procedures (3)

8

- 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?

