

# HAZMAT CHALLENGE



**A container of nuclear waste has been damaged! Create as many solutions as possible to transfer nuclear waste from one container to another.**

## CRITERIA

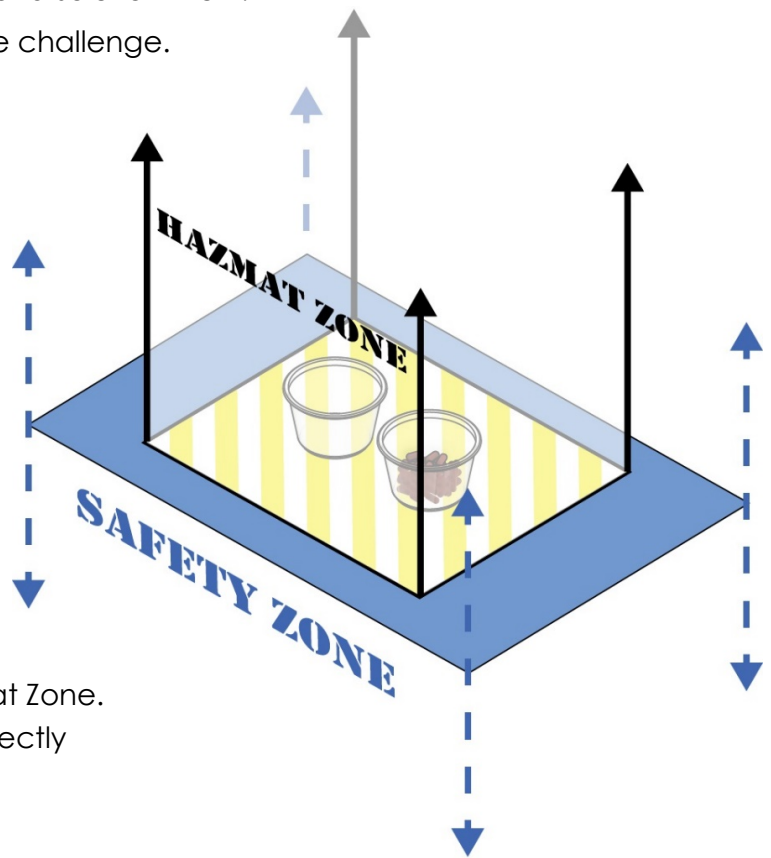
(How is your solution judged?)

- Each new solution will give your team a point.
- When a solution has been successfully used, it is considered "patented" and no other group can get a point for a solution like it.
- The team with the most points wins the challenge.

## CONSTRAINTS

(Rules and limits for your design.)

- Cups must remain in the Hazmat Zone (the paper and the area above it).
- No part of your body may enter the Safety Zone (the poster board and the area above and below it).
- You must start over if:
  - The toxic waste spills.
  - A cup or cups leave the Hazmat Zone.
  - A body part enters the area directly over the Safety Zone.
- If you need to start over, you may reach into the Safety Zone to reset the nuclear waste and cups.



## Recommended Parts:

### TeacherGeek Components:

- 4 - 1ft Dowels
- 4 - Connector Strips
- 4 - Perpendicular Blocks
- Whatever else is on hand!

### Other Supplies:

- 3 - Rubber Bands
- 3ft of String
- Masking Tape
- 3 Sheets of Paper

## Arena Supplies:

- 1 - Printed Hazmat Arena Sheet
- 1 - Sheet of Poster Board
- 2 - Paper or Plastic Cups
- ¼ Cup - "Hazardous Material" (M&M's, dried beans, etc.)