On the Move

**Challenge:** Your TASK is to create a method for moving 2 items from Start Line A across Finish Line B.

**Time:** You will have 2 minutes to use your IMAGINATION and discuss your strategy, 4 minutes to create a way to move the objects and practice, and 2 minutes to perform the task.

**Set-up:** On the floor are a taped Start Line A and a Finish Line B. The objects to be moved will be behind the Start Line. On a table are materials that are available to create the method for moving the objects.

**Procedure:**

Part One, 2 minutes. Look at the materials and discuss possible solutions with your team members. During this time, you may NOT touch the materials.

Part Two, 4 minutes. Use the materials provided to create a method to move 2 objects the distance between the taped lines. Your team-created method must work without any part of a team member’s body touching the object as it begins its motion.

Part Three, 2 minutes. Using your team-created method, move two of the provided items from Start Line A across Finish Line B. No part of a team member’s body may be between the two marked lines. No part of a team member’s body may touch the object when it begins its motion across the Start Line.

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Materials:
- 1 paper tube
- 4 index cards
- 6 adhesive labels
- 1 balloon
- 2 rubber bands
- 1 cup
- scissors (may not be part of the solution)
- Objects to be moved (may not be altered): washer & golf ball

Scoring: You will receive
A. 30 points for successfully moving each item (60 points max.)
B. Up to 20 points for how creatively or effectively you use the materials
C. Up to 20 points for how well your team works together

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For the Appraisers only:

Set-up:

1. Using masking tape, mark two parallel lines on the floor. Difficulty may be increased by placing the two lines further apart.

2. During Parts Two and Three (4 minutes and 2 minutes, respectively), difficulty may be increased by requiring that the objects not touch the floor while moving between the two taped lines.

3. Ahead of time, Appraisers need to select 2 items to be moved. These items may not be altered. The instructions suggest a washer and a golf ball, but you may select any 2 items on the following list:

   - gum drop
   - washer
   - golf ball
   - empty soup can
   - cotton ball
   - small toy