

# 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



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