

THE TORTOISE AND THE HARE

“Slow and steady wins the race.”

The Hare challenged the Tortoise to a foot race because he knew he was a faster runner. But the Tortoise won because he kept his focus on the task and didn't get distracted. That's a good message for all DI teams! Just running isn't very a creative activity. The Tortoise can challenge the Hare to a vehicle race instead!

Set-up: Tape a starting line near one side of an open, smooth floor.

Challenge: Design and build a fast vehicle that can carry a small stuffed animal.

Time: Part One: Divide the team into two groups. One will be the Tortoise's crew and one will be the Hare's. Each group will have 4 minutes to construct a race car for their rider from one set of the materials. The teams may test the vehicles during this part.

Part Two: You will have 1 minute to race your vehicles with the Hare and the Tortoise (the stuffed animals) on board. A team member may push the vehicle to start it, as long as only the car and rider cross the starting line.

Materials: two sets of these items:

- 2 elastic bands
- 4 small wheels
- 6 straws
- 4 file cards
- 2 mailing labels
- one small stuffed animal

Scoring: up to 15 points for technical design of each vehicle
1 point for each inch each vehicle travels (to a maximum of 50 points)
bragging rights for the builders of the vehicle that goes farthest
up to 20 points for positive team work

Special Note: If your team is too small to divide, have everyone build both vehicles.
Re-word the challenge to require different designs for each!

Idea contributed by Alex, Lab Mouse. Thanks!