

# GOLDILOCKS

Goldilocks was not a very nice little girl. She wandered into other people's houses while they were out, broke their furniture, ate their food and used their things. And then she complained! Too hot! Too cold! Too hard! Too soft! What a terrible house guest! Perhaps Goldilocks' problem was that she didn't have her own special chair. Can your team make the perfect piece of furniture for her?

**Set-Up:** All materials should be empty and clean.

**Challenge:** Design and construct a tall chair for Goldilocks. Make sure that it actually supports the team member who will be testing it.

**Time:** Part One: You will have 4 minutes to plan and build a chair that will hold one of your team members ("Goldilocks") off the ground as high as you can for at least one minute.

Part Two: After the appraisers measure the height of the seat above the floor, you will have one minute to demonstrate the usefulness of your chair for the appraisers. No feet on the floor!

**Materials:** six one-gallon milk jugs  
twelve two-liter coke bottles  
six cardboard cores from paper towel rolls  
twelve cardboard cores from toilet tissue rolls  
one roll of duct tape  
scissors (may not be included in the solution)  
measuring stick (for use by the appraisers)

**Scoring:** up to 25 points for the creative use of materials  
30 points if the chair supports a team member for one minute  
1 point for each inch between the seat and the ground  
up to 25 points for positive team work

Thanks to Josh Demeule, Exceptional Host!