

Summer 2026 R&D Org Meetup - CC&A Challenge

Stairwell Descent to Mechanical



“As a Silo porter, I want to carry my cargo from the Up Top down to Mechanical, so it arrives safely, and the Pact is upheld.”

Game Overview

Teams of 3–6. You have 30 minutes to build a machine that carries a marble from the top of your structure down into a paper cup, using only what Supply has issued you. The longer (in time) your cargo moves along its path, the deeper into the silo it has traveled.

- Your machine must include one full spiral.
- Gravity only. Once the marble is released, no one touches the machine.
- The cargo must keep moving. A stop lasting more than three seconds ends the run.
- Each team gets three runs and the team with the longest timed run that finishes in their cup wins a red-level relic.

Critical Supply:

- Scissors
 - 1 paper cup
 - 15 craft sticks
 - 12 dominoes
 - 8 drinking straws
 - 5 sheets of cardstock
 - 3 marbles
 - 5 ft tape
- (They're good in supply.)