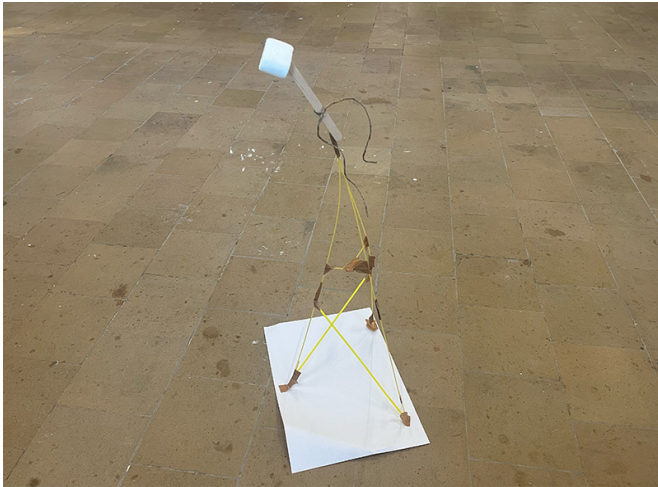


Spaghetti Challenge



duration: 15 - 30 minutes
age: from 5 years

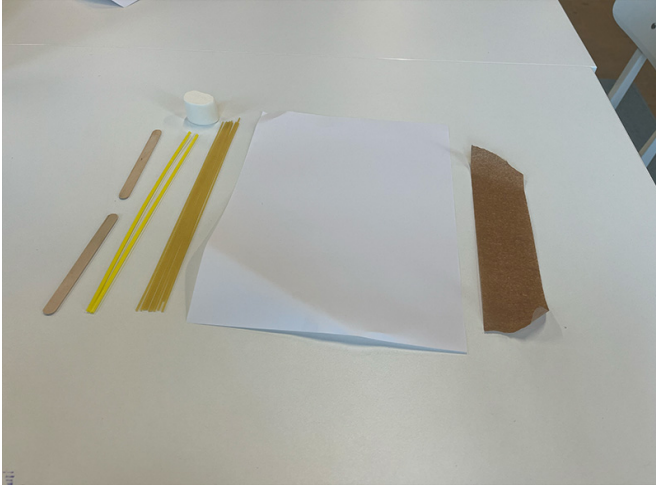
Who can build the tallest spaghetti tower?

undefined

tools

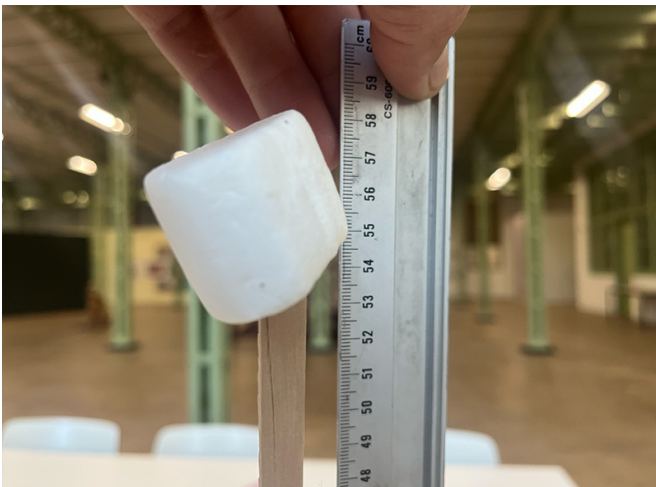
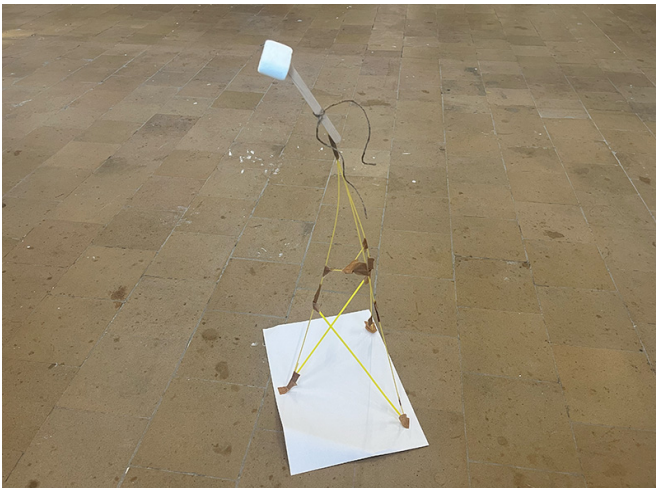
materials

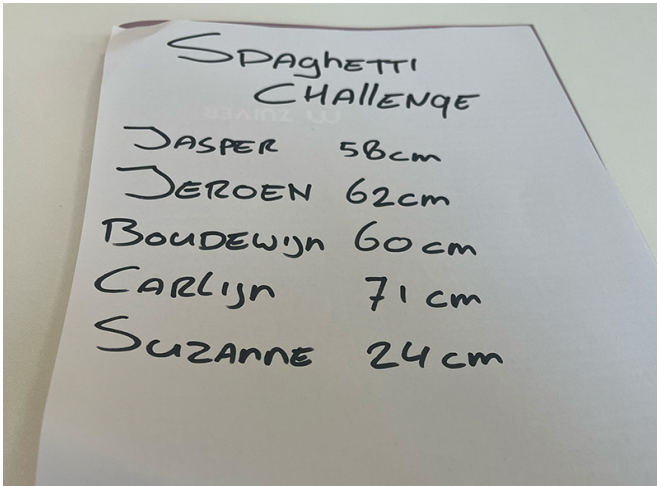
- ☐ A4 paper
 - ☐ 10 uncooked spaghetti strands
 - ☐ 4 inches of tape
 - ☐ 1 marshmallow
 - ☐ 4 inches of string
 - ☐ 2 straws
 - ☐ 2 popsicle sticks
-



1 Build your tower

- The goal of this challenge is to get the marshmallow as high as possible off the table. The tower must stand independently for at least 30 seconds without support.
- Try to think creatively, maybe you can use the materials in a different way.
- Have you built a tower? Then see if you can make a second tower that is even taller using the knowledge you gained from building the first one.





A photograph of a piece of white paper with handwritten text. At the top, it says 'SPAGHETTI CHALLENGE'. Below that, there is a list of names and their corresponding scores in centimeters. The names are JASPER, JEROEN, BOUDEWIJN, CARLIJN, and SUZANNE. The scores are 58cm, 62cm, 60cm, 71cm, and 24cm respectively. The paper is slightly wrinkled and has a small piece missing from the top left corner.

SPAGHETTI CHALLENGE	
JASPER	58cm
JEROEN	62cm
BOUDEWIJN	60cm
CARLIJN	71cm
SUZANNE	24cm

2 Create a leaderboard

- Once you have measured how high your marshmallow is, write it down and see if someone else can beat your score.