

WORKSHOP ACTIVITY

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|----------------------|------------|--------|
| 1 NAME AND SURNAMES: | | GROUP: |
| 2 NAME AND SURNAMES: | | |
| Day/Date | Signatures | |
| 1/ | Name1 | Name2 |

Spaghetti Challenge

- Select the properties that describe **spaghetti** as a **construction material** (circle one in each pair): **raw-manufactured**, **heavy-light**, **tough-brittle**, **stiff-bendy**, **shiny-dull**, **elastic-not stretchy**, **transparent-opaque** and **waterproof-absorbent** (8X0,3=2,4 points).
- Objective (goal): your challenge is to build **the tallest** freestanding (self-supporting) structure using only the listed materials. Pieces of spaghetti may be broken into desired lengths.
- Characteristics: height, stability, number of pieces, rigidity (5x1,5 = 7,5 points)



- Constraints:
 - ✓ You only can use the following materials: a small packet of spaghetti, 20 marshmallows (nubes) and a pair of scissors



- ✓ Work in pairs
- ✓ Time to build: 30 minutes
- ✓ Characteristics: freestanding (self-supporting), minimum height: 15 cm.
- **EXTRA POINT** The highest tower will be the winner (1 extra point).
- **EXTRA POINT** Innovation and Creativity (1 extra point).