

## WS 16/17, Dozentin: Mirja Gehring

Create a freestanding structure, go as high as you can – but only with the material at hand!

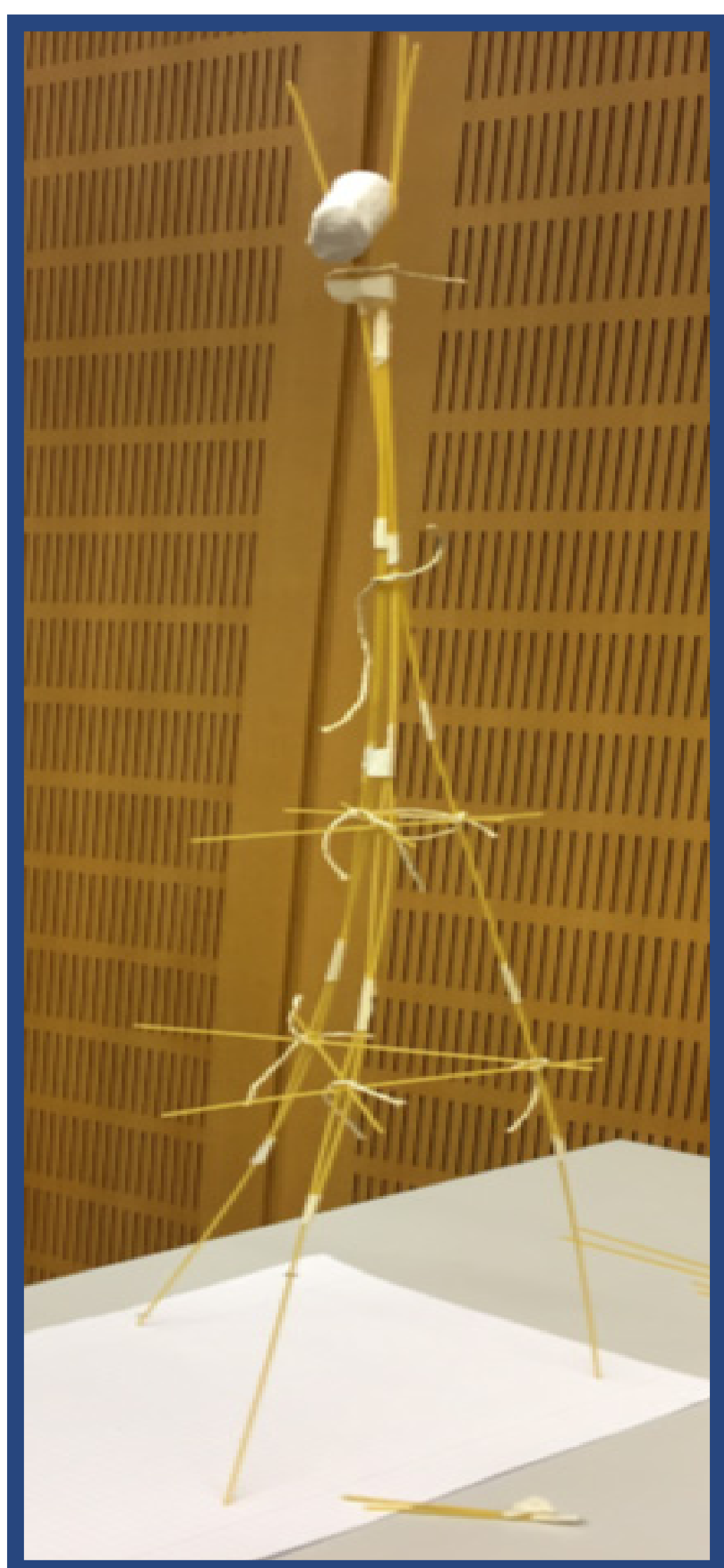
This was the material at hand:

- 20 pieces of standard spaghetti
- 1 meter of string
- 30 cm of sticky tape
- 1 marshmallow

### Conditions

- The language spoken to discuss building matters had to be English!
- The tower had to be able to stand freely
- The entire marshmallow had to be on top
- Use as much or as little of the kit
- Break up the spaghetti, string or tape

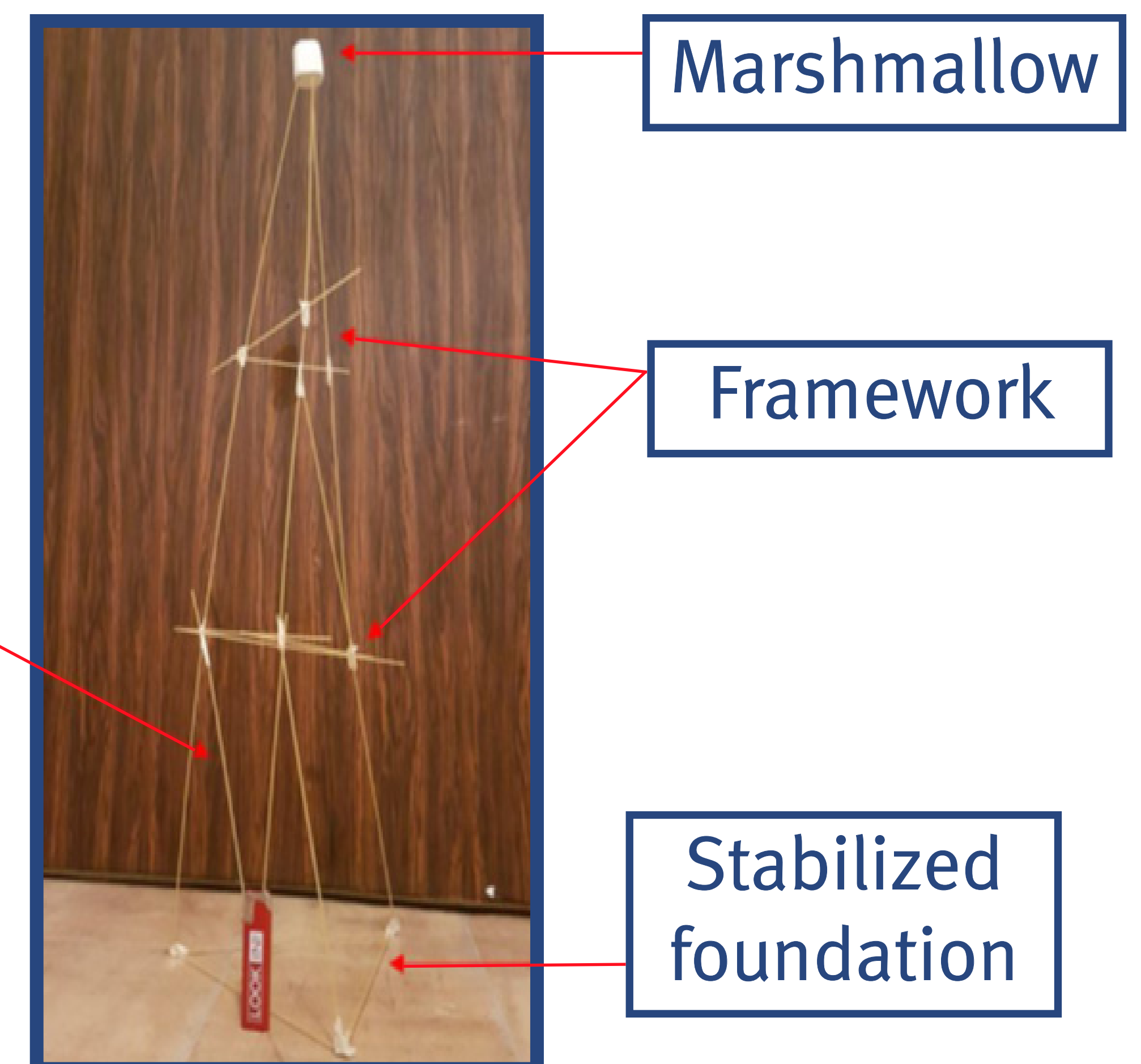
At the end of the building phase, students were to measure the height of their structure and document it (take photos/draw ideas) in a formal report.



The report had to include the following parts:

- Cover letter and cover page
- Project Description
- Planning and Management, How did you plan the construction and why?
- Construction Observation and Documentation
- What was problematic or difficult?
- Conclusion and Summary, What would you do differently next time?

Hands on English if you want to put it that way!



### Results

Group 1	57.5 cm
Group 2	65 cm
Group 3	54 cm
Group 4	53 cm
Group 5	79.5 cm
Group 6	60 cm
Group 7	73 cm
Group 8	73.2 cm
Group 9	98 cm