

# SUMMARY

## Scaling Textiles

Developed by:



# Introduction

The OER aims to provide students within higher education with a better understanding of:

- the parameters that define the experience of a textile surface (visual, tactile and structural) and
- how systematic changes of these parameters (3 bindings and 3 different base materials) influence the experience.



In the activity each student group will investigate following broad inquiry:

- How is the experience (visual, tactile and structural) of a simple woven structure influenced when changing thread thickness and type of weave binding?

# Background

The activity is removed from the complexity of application.

Through de-contextualisation the OER aims to provide students with a better understanding of textile techniques, their aesthetic expressions, structural properties and application possibilities.

Future perspectives across design and architecture are exemplified as a part of the conclusion to inspire the students to transfer their hands-on learnings to advanced textile technologies and to specific contexts of application.



# Production of Prototypes

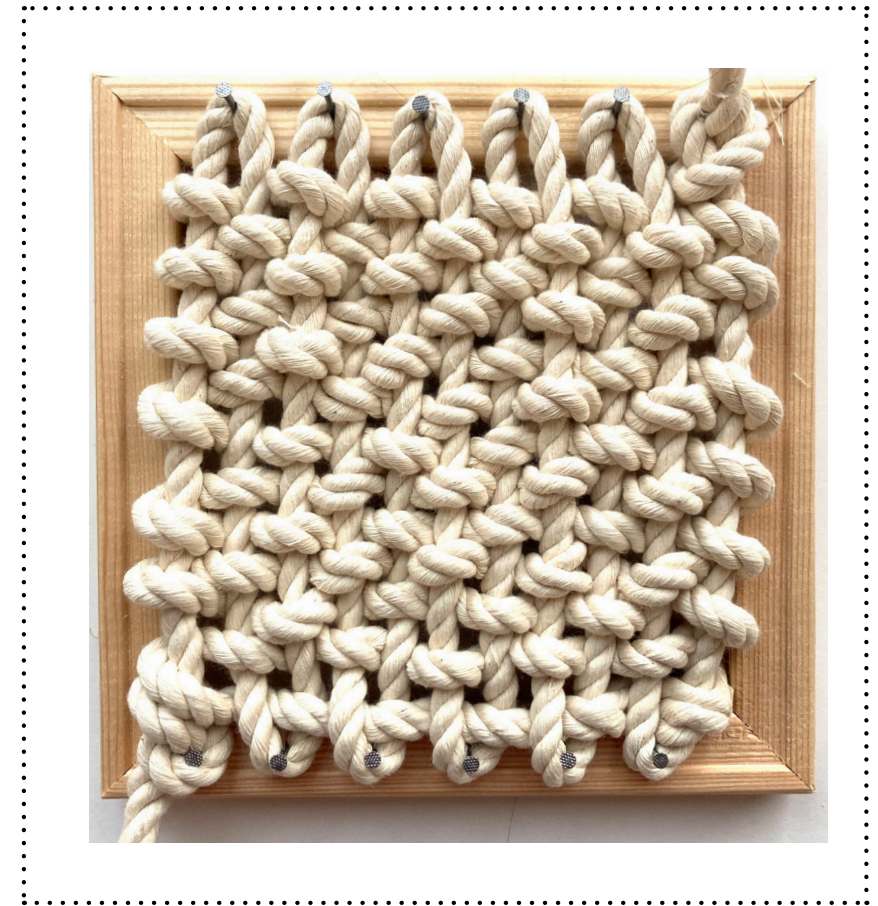
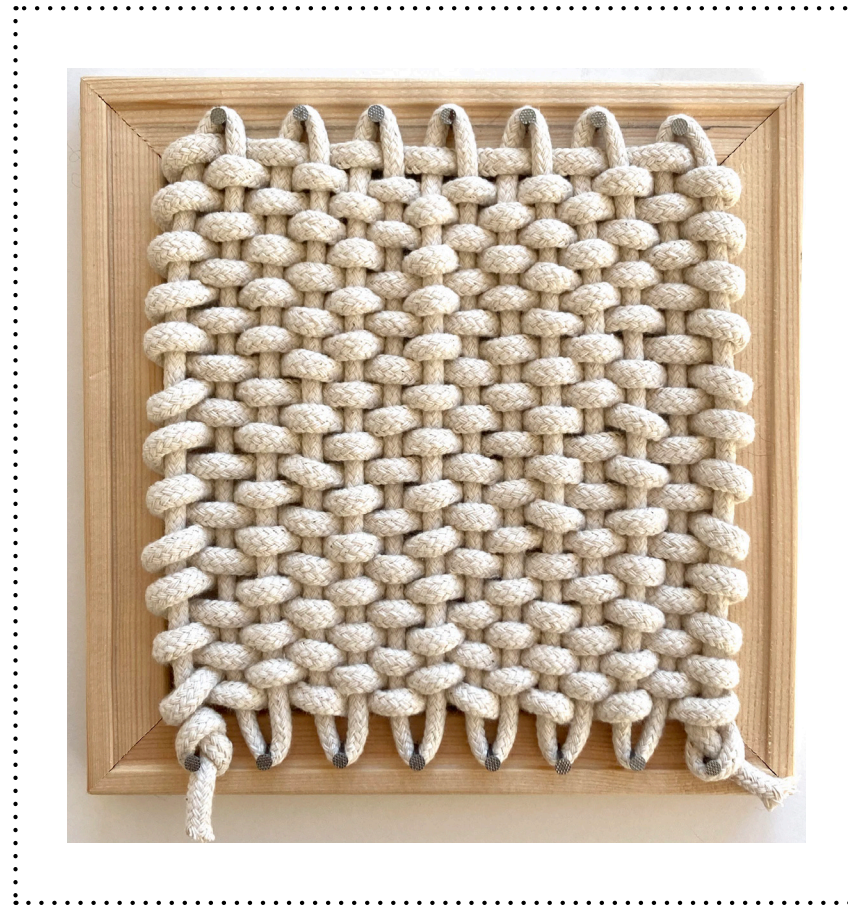
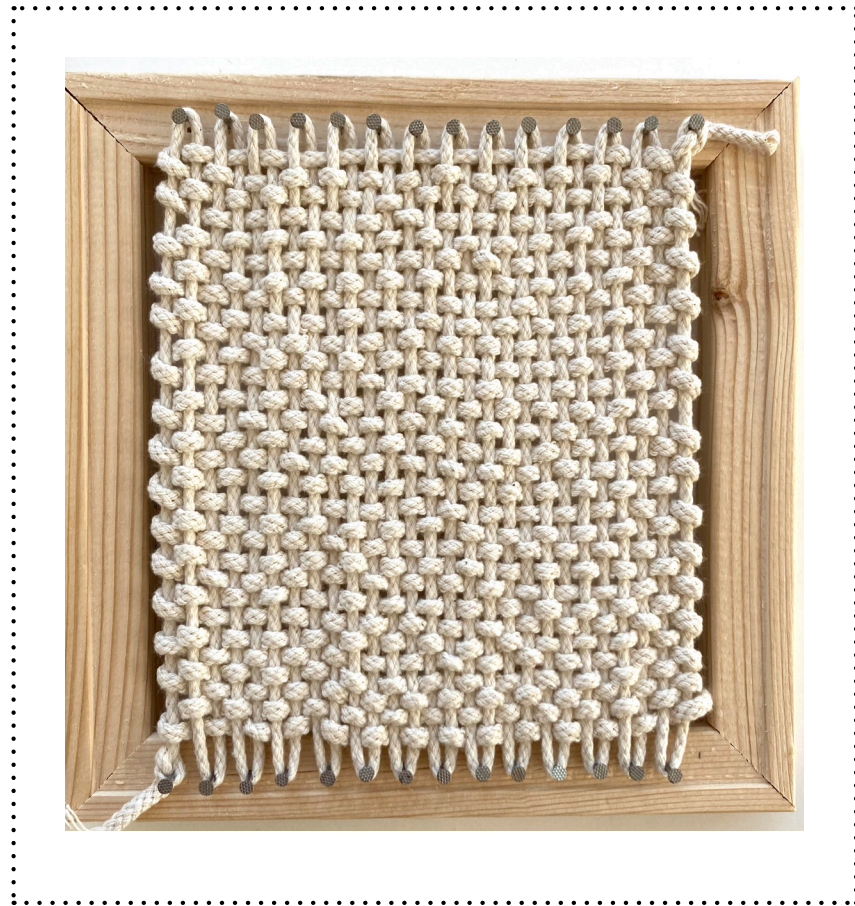
- 3 Plain Weaves (4-6-8 mm)
- 3 Panama Weaves (4-6-8 mm)
- 3 Twill Weaves (4-6-8 mm)





# Result: Plain Weaves

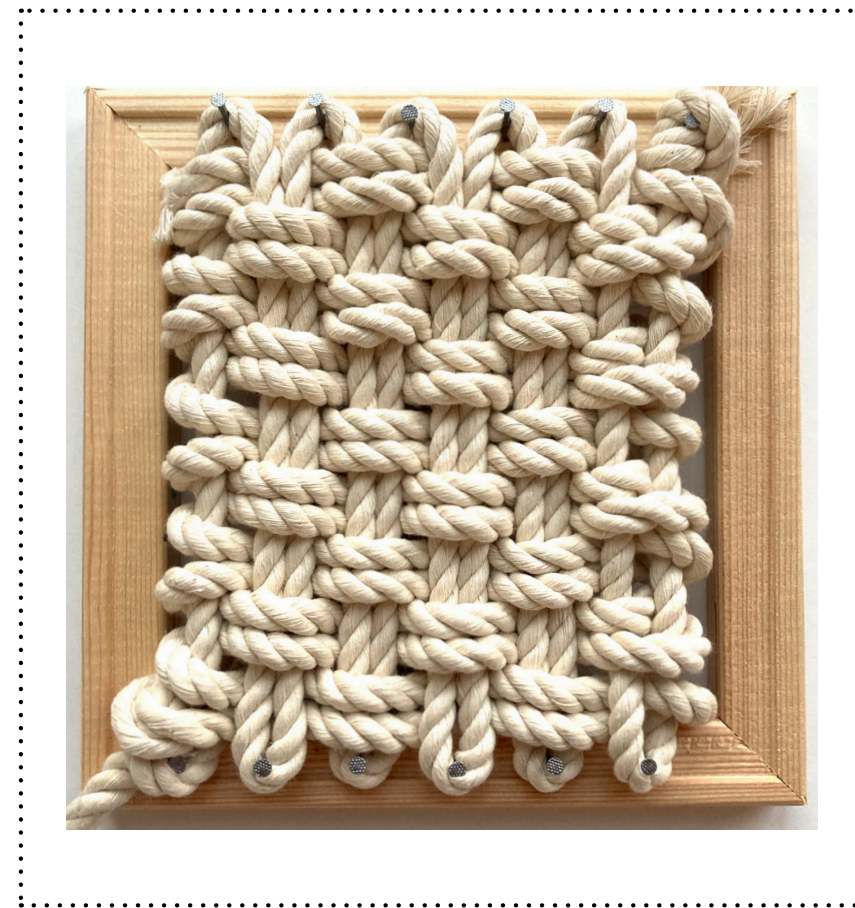
From left to right: 4-6-8 mm





# Result: Panama Weaves

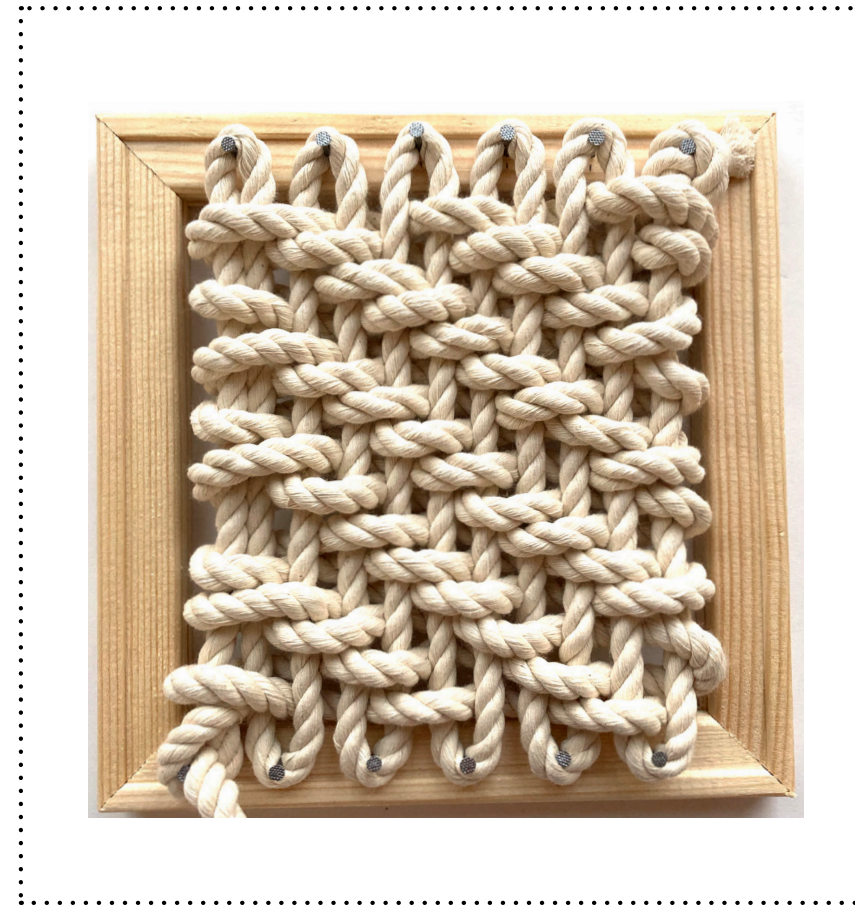
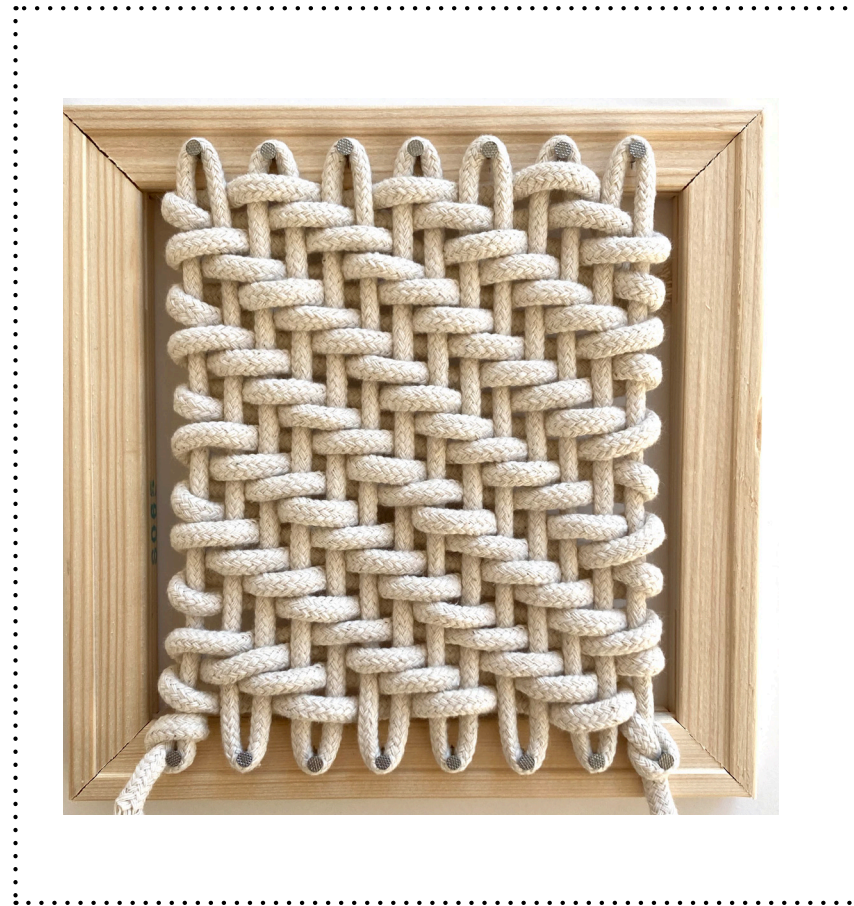
From left to right: 4-6-8 mm





# Result: Twill Weaves

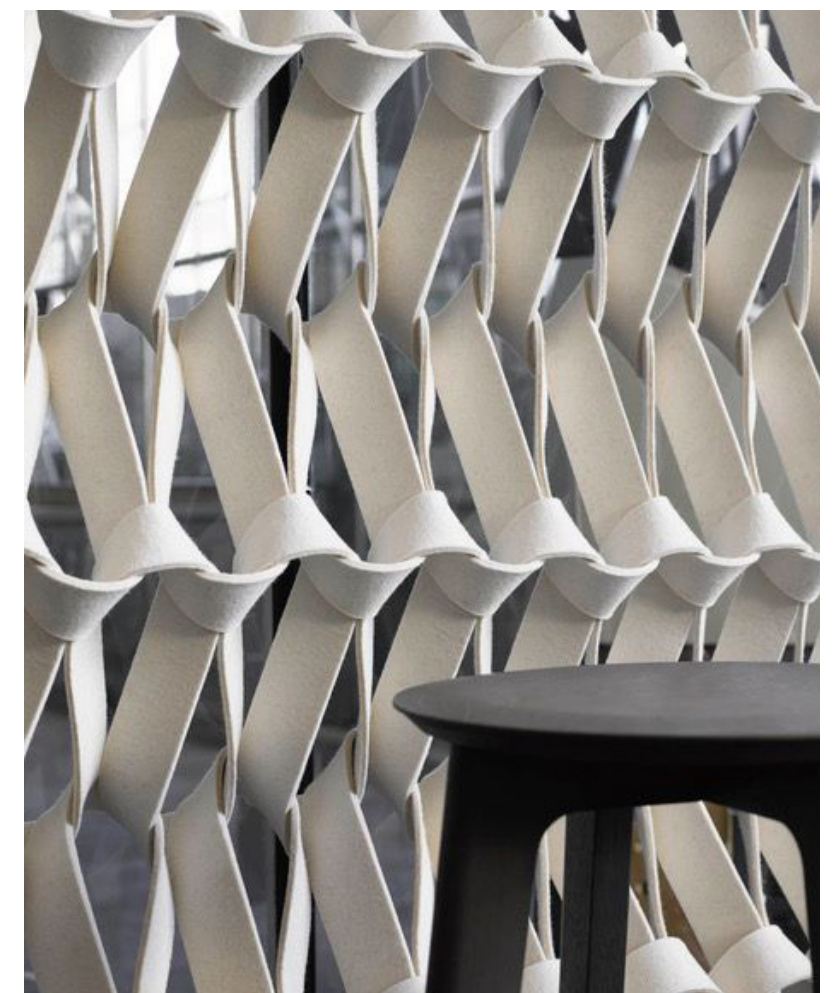
From left to right: 4-6-8 mm





# Future Perspective

Product design, furniture design, art and architecture





*This was a summary of an open educational resource.  
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