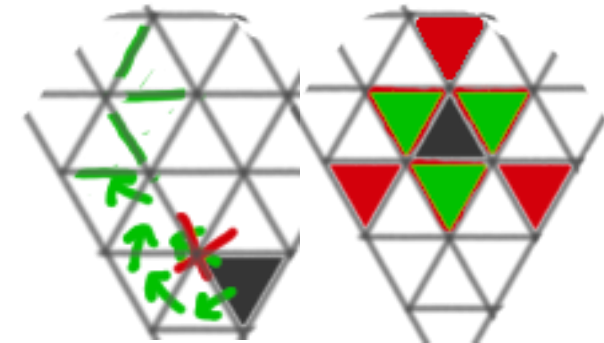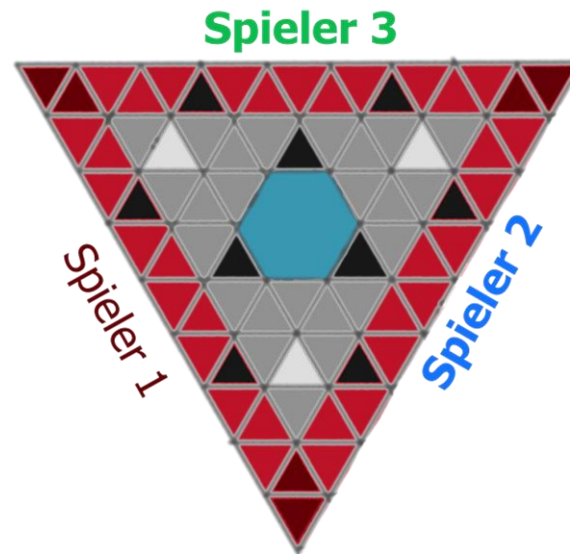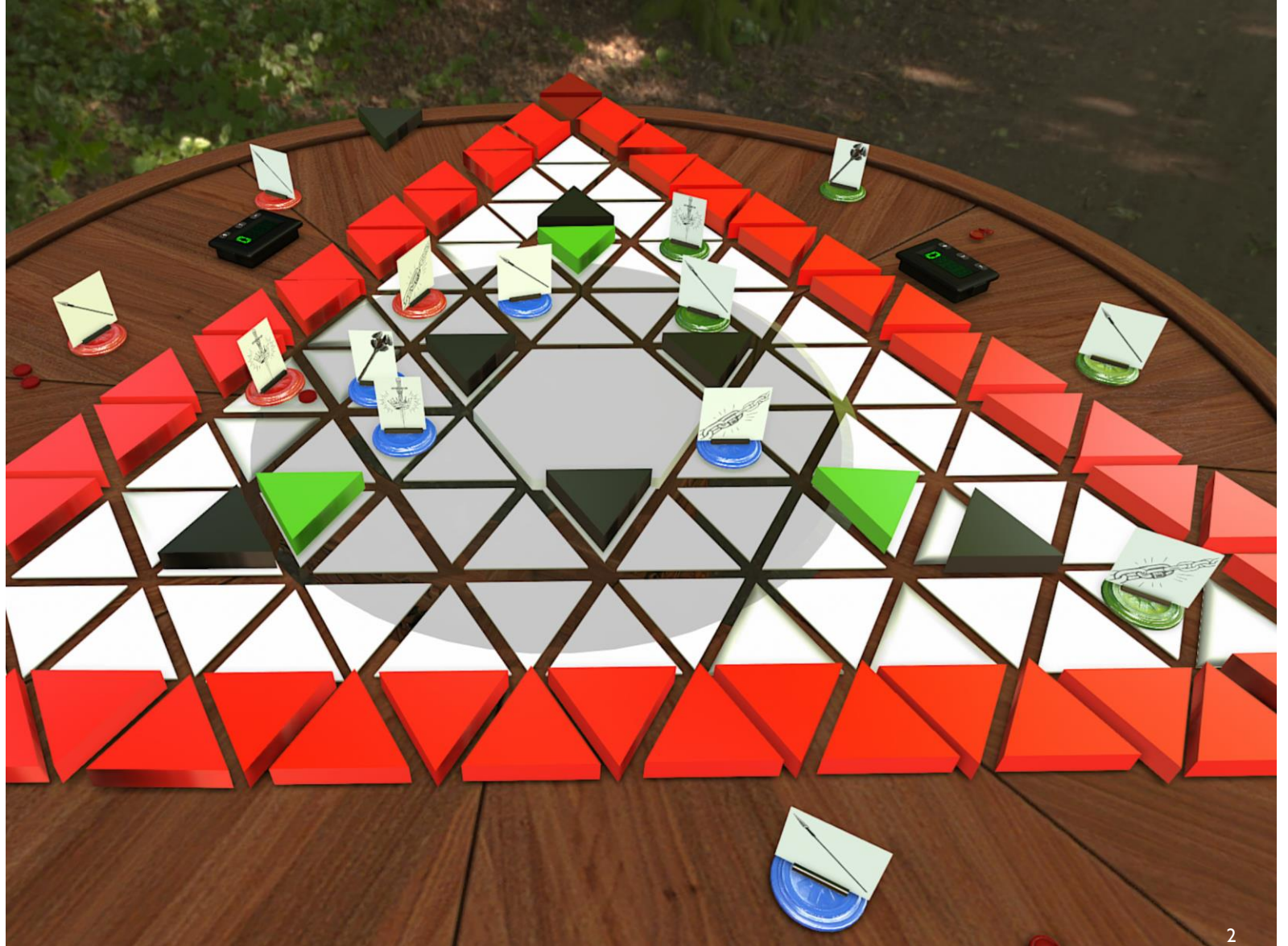# BRAINSTORMING

- Every teammember created 3 Tabletop game ideas

- Vote on favourite

- Selected Tughan's „Tower Wars" idea
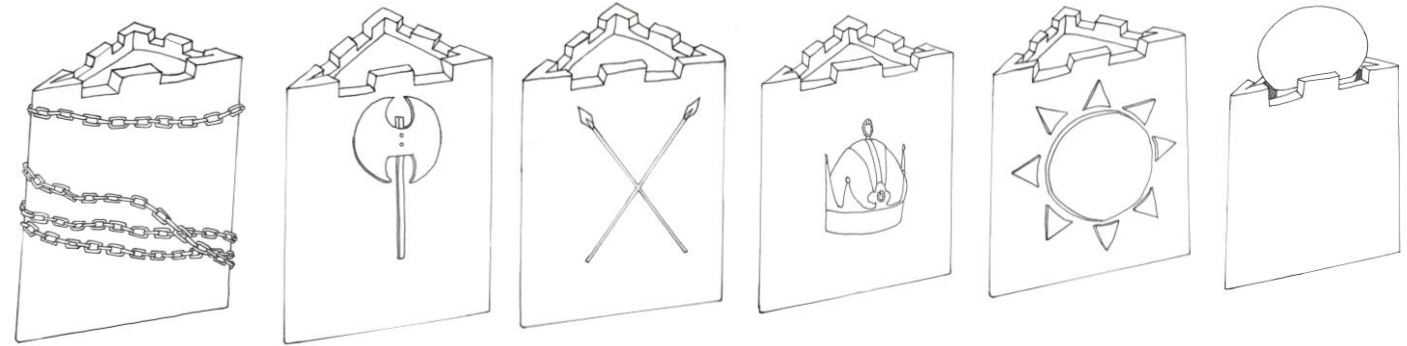
BALANCING & PLAYTESTING

- Play area was increased

- Improvements to the functionality of the ax tower
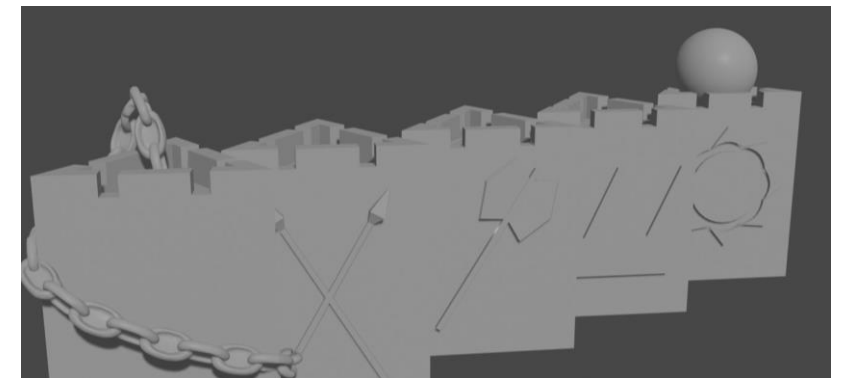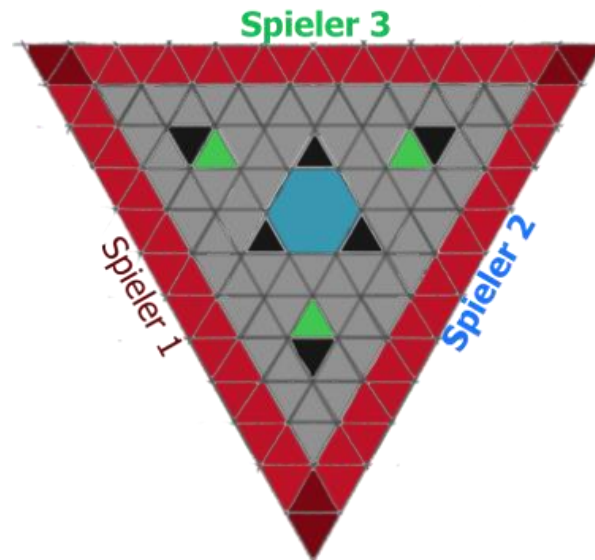
- Walk and attack distances have been adjusted

DESIGNS

- Unique characteristics for each tower

- Digital prototype

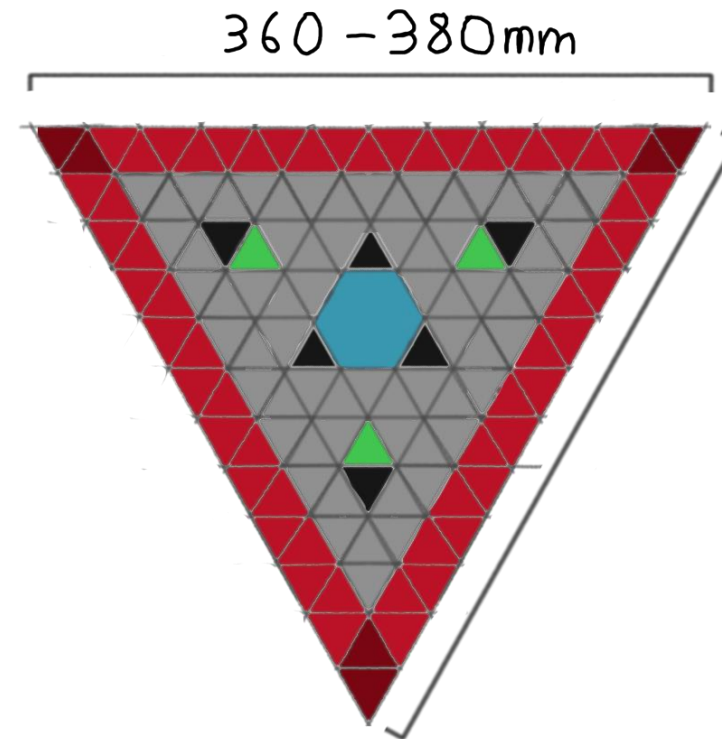- Board size increased after balancing

Tower concepts

Final version

BOARD DETAILS

- Consists of 144 equilateral triangles

- Dimensions of approx. 360x360mm

- Some cubes are divided into ¼ and ½
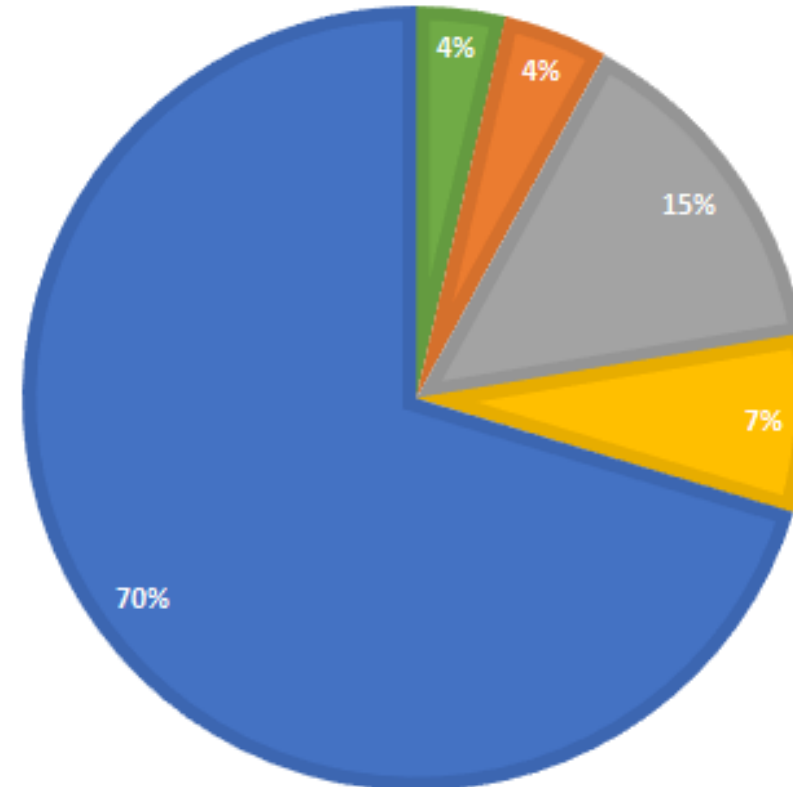
- 72 cubes needed

360 – 380mm

EXPENSES

- Cardboard: 0,75€
- Pawns: 0,88€
- Adhesive: 2,95€
- Wooden panel: 1,50€
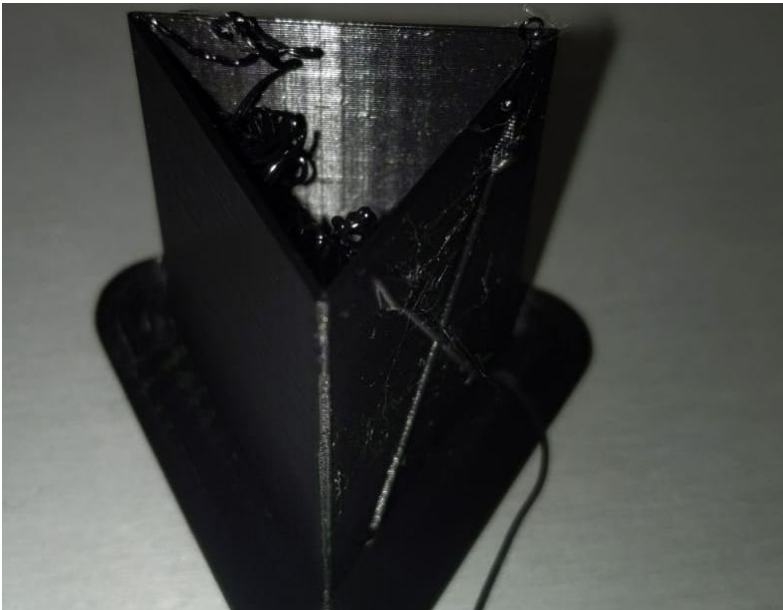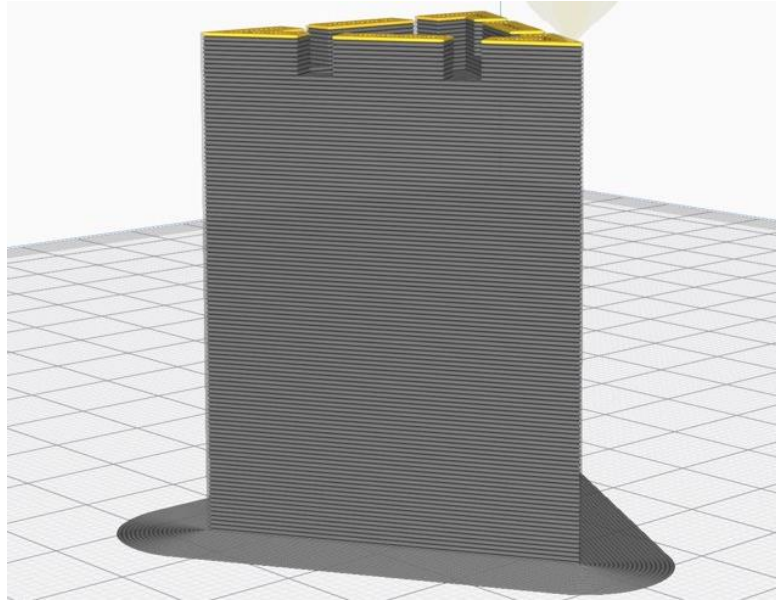- Cubes: 14,50€
- Total: 20,48€

COST ALLOCATION

Legend: Cardboard, Pawns, Adhesive, Wodden panel, Cubes

- 4% (Cardboard)
- 4% (Pawns)
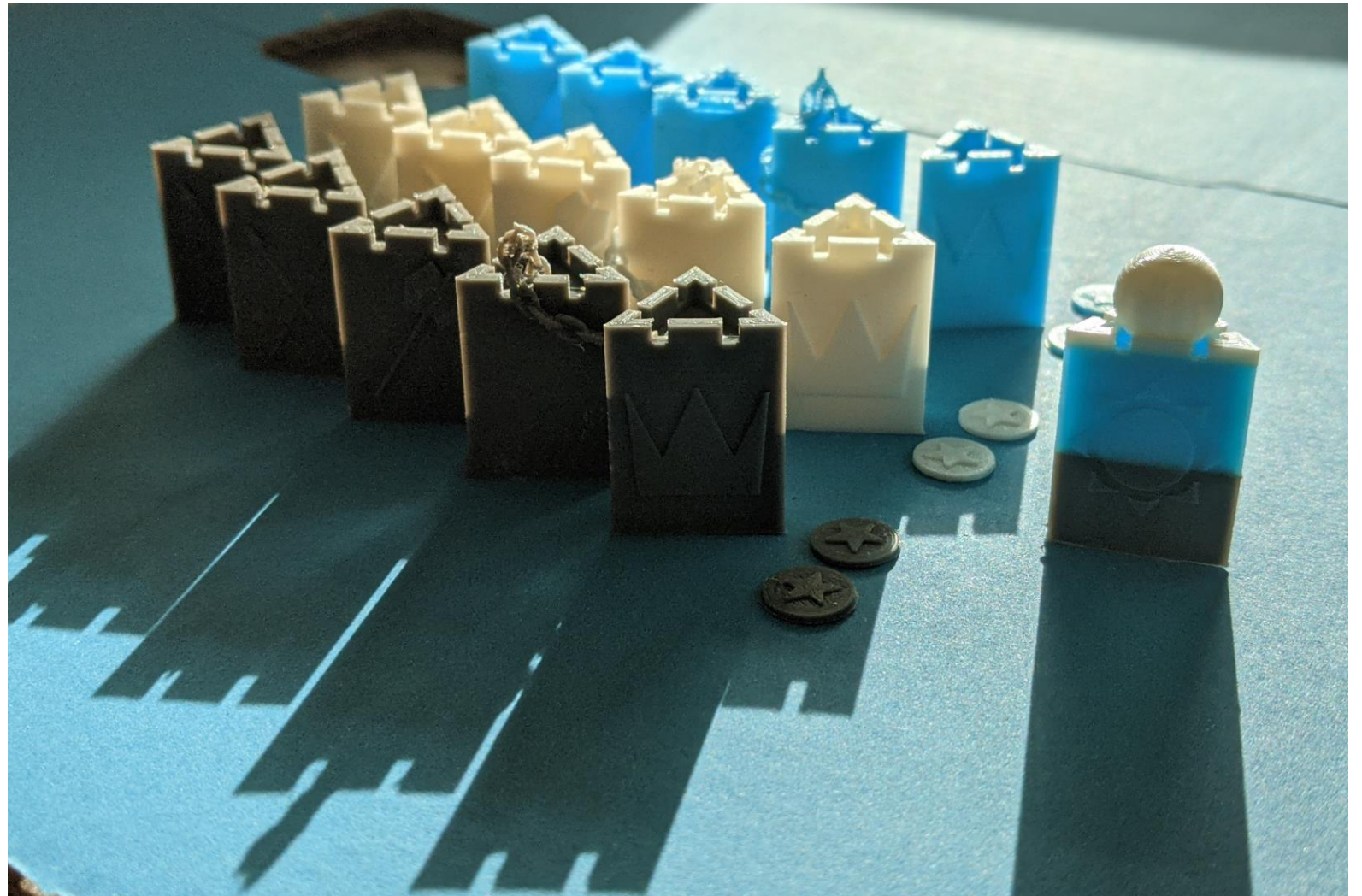- 15% (Adhesive)
- 7% (Wodden panel)
- 70% (Cubes)

TEST-PRINT

- Simulation inside Cura

- 1. print with 2% filling:
  Not successful!

- Planed dimensions
  matched after printing

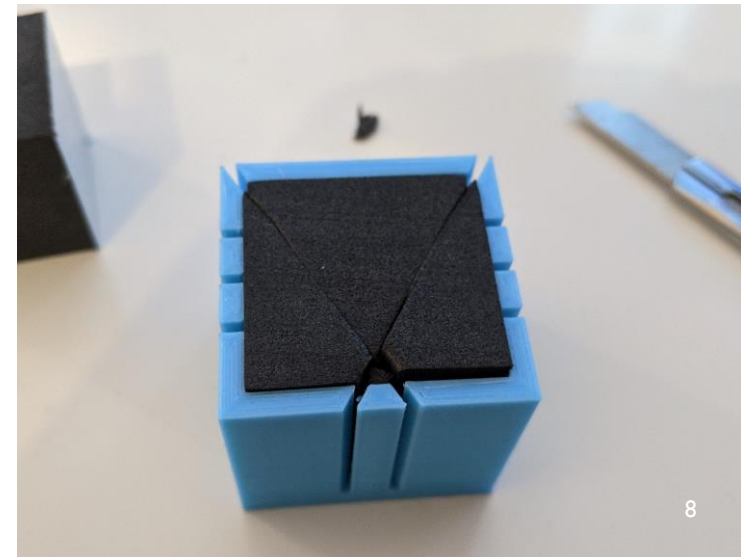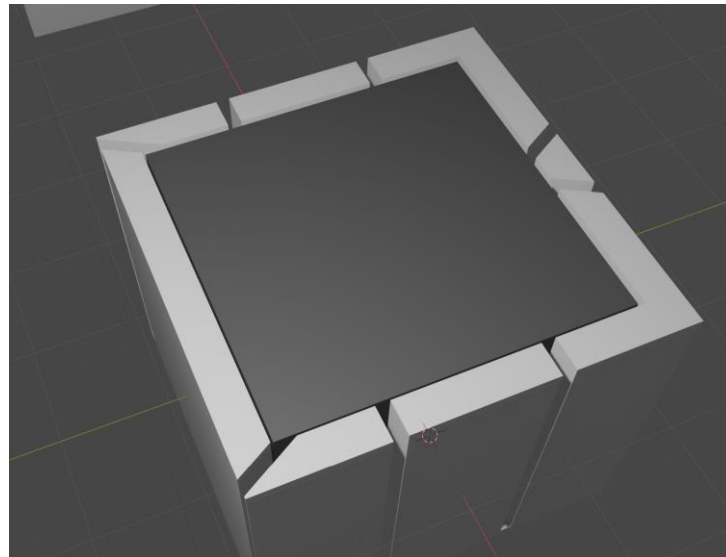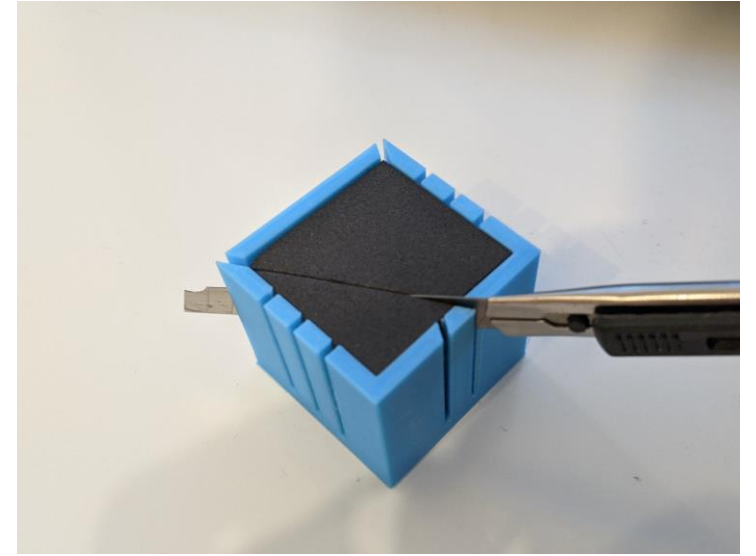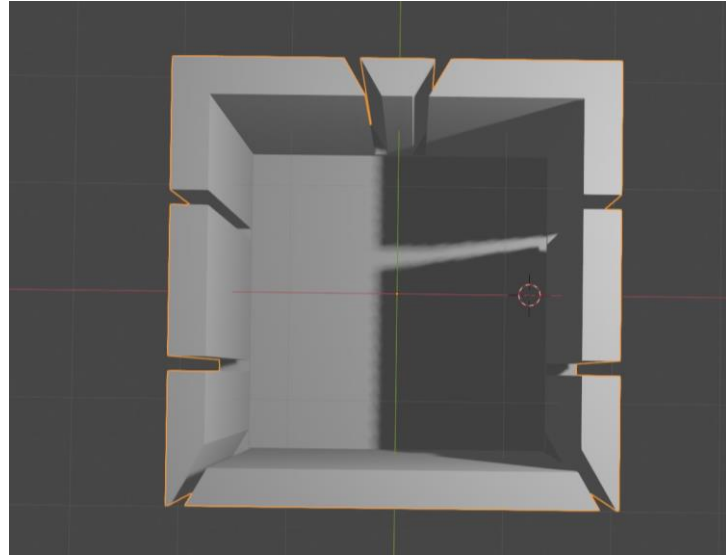- 2. print with 30% filling:
  Successful!

PAWNS

- Pawns reduced in size
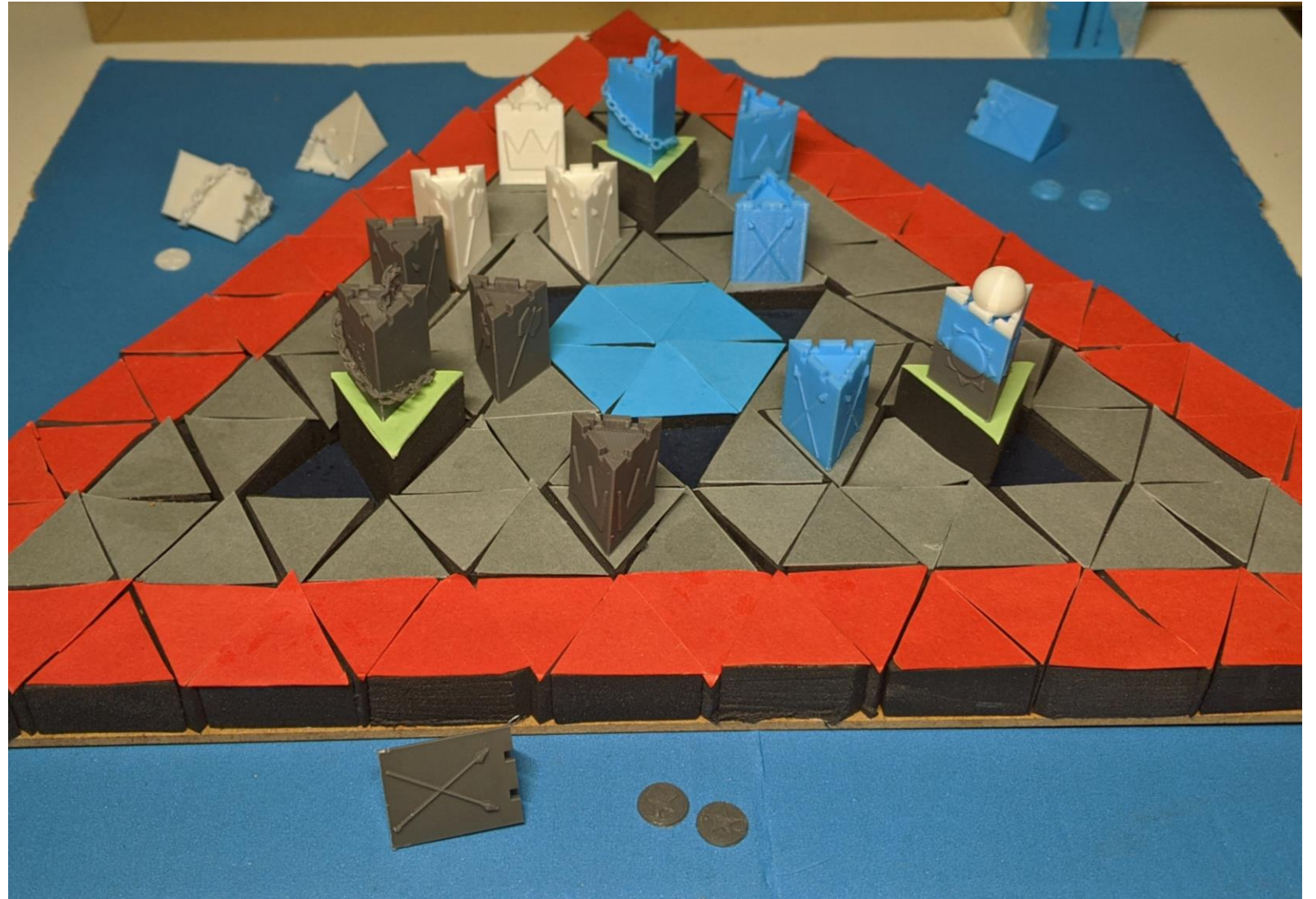- Own color for each player
- Sun-tower with three colors

REDUCTION OF THE ERROR RATE

- Development and Production of a cutting aid

- New Error rate: 0%

- Cubes divided into quality levels: A, B and C

BOARD

COMMERCIAL FILM

- Short animation for a potential commercial
- Created in Blender