

# Part 5 - How to teach 3D Printing for beginners

## Course length and structure

3 hour workshop for the basics and introduction into 3D Printing

- walkthrough: finding models, downloading models, import models into Tinkercad, adjust model, export it and import it into the slicer. Slice it and send it to the 3D Printer for printing (20min)
- introduction in to Tinkercad and giving participants a task to model (100min - 110min)
- give a micro overview about slicing, slice the designs of the participants and print them out (40-50min)

3 hour workshop more on modelling and slicing

show some more advanced tinkercad features

show slicer features and let the participants slice

3 hour workshop they should try themselves as much as possible

show some tools

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they should design small simple things like buttons 3cm x 3cm x 4mm size (more or less)

print as much as possible

use PLA