

Talcott Mountain Science Center

Topic __CAD-3D Printing__

Home School Science

Instructor __Mendelssohn__

Home Links

Date __April 19 2024__

Class URL: <https://www.tinkercad.com/joinclass/KZAQV89CT>

Here's some information about the activities your student did with us. Links at the bottom will help you explore further. Enjoy!

What did we do (content, skills, data collection)?

Make any creative object you want (Max 60mm x 60mm x 6mm)

Using calipers

Make a cup with outer diameter of a US Quarter and holds exactly 10 pennies

How did we do it (materials & methods)?

TinkerCAD and Prusa 3D Printer Mini

Calipers

<https://www.youtube.com/watch?v=NwW3UHvzcOc>

Where can we find out more?

Different types of printers <https://www.youtube.com/watch?v=DMWzMpjSJLM>

Manufacturing with 3d printing <https://www.youtube.com/watch?v=vsIGAQU72Ys>