3D Printing

- **Description**: Learn about the basics of 3D printing.

- **Objectives**:
    - Learn the basic parts of a 3d printer
    - Learn how to slice STLs
    - Learn how to prep and start the 3d printer

- **Resources**:
    - [3d Printing Presentation](#)
    - [Simplified 3d Troubleshooting](#)
    - [3d Printer Basics - Part 1](#) (YouTube video)
    - [3d Printing for FIRST Teams](#)
    - [CNC Kitchen](#) (test filaments and printing parameters)

- **Practice**:
    - Slice an STL for printing with a mentor
    - Start a print with a mentor

- **Challenge**:
    - 3D Printing quiz

- **Benefit:** Allowed to operate the 3d printer.