



3D PRINTING & LASER ENGRAVING

Our 3D Printing kit allows students to explore this exciting new technology. Students will learn about principles of design as they create a printable object using XYZmaker software on provided computers. Participants can also scan an object and then alter it using the software. They will then be able to print their creation. Laser engravers are also available to engrave designs in leather, wood, and plastic. Multiple printers and laptops with necessary software are available for checkout. This kit requires a training session with 4-H staff before checkout.

Age Level: 8+; 3rd-12th grade

Time: 4+ hours. Allow 1-2 hours for designing, printing takes 20-60+ minutes for each object, depending on size of project.

Applications: Computer Aided Design, 3D and Spatial Thinking, Planning, Design, Art
County Available: Pierce



Kit Contents:

- XYZ DaVinci Jr 3D Printer
- Scanning bed (at front left)
- Calibration plate (at front center)
- Other printer accessories (not pictured)
- Laptop(s) with XYZmaker software
- Laptop charger(s) (not pictured)
- Power strip (if needed, not pictured)
- Extra filament (various colors)
- Laser Engravers (optional, not pictured)



206-263-1915



360-337-7162



Pierce County

253-798-7160



425-357-6007



360-867-2157