3D Printing Checklist for Patrons

- ☐ Take the 3D Printing Orientation, either in-person or online

- ☐ Agree to the WPPL 3D Printing Policy

- ☐ Create or download (usually from www.thingiverse.com) .STL file to 3D print. To make sure the object will print correctly in real life, choose one with a photograph of the completed object instead of just a blue-on-gray computer model.

- ☐ Make sure the object is small enough to print in less than 4 hours (it may need to shrink, so do not pick an object that has to be a specific size). If you want to test it out at home, download the free **Cura** program and select a printer we have (Creality Ender 3 Pro v2), slice it, and see how long it will take.

- ☐ Make sure the object has no overhanging/difficult-to-print parts (or if it does, you will agree to have a support structure for them)

- ☐ From the .zip file, drag out the .STL file you want to print onto your Desktop Rename the .STL file to "**Color-Your Name-Object Name-Date**"

- ☐ Email the .STL file (*not* the ZIP file) as an attachment to makerspace@westlakelibrary.org

- ☐ Choose a PLA color to print it in

- ☐ If the build time is more than 4 hours, agree with the staff member's suggestion to shrink the object, reduce the quality, or reduce the infill (no less than 15%)

- ☐ The staff member will put it in the queue and print it for you.

- ☐ 3D printing costs $0.05 per gram. You will be notified to pick it up once complete at the Drive-Up Window. After that, you can submit a new print.

- ☐ Break off/dissolve any support structures yourself and enjoy!