

3D Printing at School

Purpose:

- To promote STEM tools by creating access to 3D printers for ALL LPS students.
- Support students by printing their original / remixed design on the school 3D printer

Students:

- Open [Tinkercad](#) on your device
 - ◆ Click **Sign-In** in the top right corner - Click **more providers** - Click **Sign in with Google** (red button)
- Go through the [learning models](#) to learn the basics of Tinkercad.

Click  for [more tutorials](#)

- Complete the following Lessons to learn how to better design your own object. (You must be signed in to Tinkercad for the links below to work)

[CREATING HOLES](#)

[SCALE COPY PASTE](#)

[KEYRING LETTERS](#)

- [Watch this timelapse video](#) for some inspiration on using Tinkercad
- Create an original object. Complete the 3D printing form on your library website.

IMPORTANT NOTE: student submissions **MUST** be in a .stl format

How to save your Tinkercad file as a .stl file

Create your project in Tinkercad.com

- Click Export (top right corner)
 - Choose "Everything in the design"
 - Select .stl

Your file will now download to your computer

Open your school library website and complete the 3D printing form