3Doodler Create+ Overview

The Create+ pen extrudes heated plastic which hardens rapidly, allowing you to draw in 3D, freehand, or using stencils.

Materials
Tualatin Makerspace will have the type of filament (PLA, ABS or flex) needed for these pens. In addition, there are stencils, mats and idea books.

Using the Create pen
1. Plug in the Create+ pen.
2. Choose the temperature appropriate for the type of filament you are using. As a general rule, if it is translucent or floppy, use the higher setting.
3. Insert filament into the back of the machine.
4. Wait until the light changes from red to either blue or green.
5. Choose either the fast or slow button and click it to start the plastic extruding.
6. Click the same button to stop.
7. If you want to change filament colors, double click the fast button to cause the filament to reverse and replace the filament with the chosen color.
8. Back out any filament when you are done using the pen. This helps prevent clogging.

Overviews and How-Tos
[3 Doodler video channel](#)

Safety
The Create+ pen tip gets extremely hot and is not recommended for younger children. Never grab the pen by the tip. Use caution when handling freshly extruded plastic because it stays hot for a few seconds after it is extruded.

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