## 3D PRINTING POLICY

In the interest of offering the community access to new and emerging technologies, the Middle Country Public Library will provide 3D printing as a staff mediated service.

Patrons wishing to have a project printed on the library's 3D printer must submit their request using a form on the library's web page. Library staff shall review the request to ensure that it does not violate the restrictions set forth below, and that the library's printer is capable of printing the supplied design.

No project shall be printed that library staff determine is:

- Prohibited by local, state, or federal law.
- Unsafe, harmful, dangerous, or posing a threat to others.
- Obscene or otherwise inappropriate for the library environment.
- In violation of intellectual property rights.

In addition to the above restriction, the library reserves the right to refuse any 3D print request.

Pricing is set as per the table on the following page. Refunds will not be permitted.

Patrons will be notified when their print job has finished and the project is ready to be picked up. Projects should be picked up within 7 days of receiving this notification; any project not picked up within 14 days will be discarded, and the cost will be recorded as a fine on the patron's library record.

*Adopted January 21, 2015 by the Board of Trustees of the Middle Country Public Library.*
*Revised February 20, 2019.*

| Printer | Supported Formats | Build Volume | Standard Cost | Technology |
|---------|-------------------|--------------|---------------|------------|
| Prusa i3 MK3 | .stl, .obj, .prusa | 25 L x 21 W x 21 H cm (9.84 L x 8.3 W x 8.3 H in) | **$0.05/g** of filament (PLA or PETG)<br><br>**$0.10/g** of filament (certain PLA colors)<br><br>**$0.15/g** of specialty filament (metal and wood fills – coming soon!) | Fused Deposition Modeling<br><br>Fill: Mostly hollow (80-90%)<br><br>Layer Height: .15-.20mm |
| Ultimaker 3 Extended | .stl, .obj, .gcode | 21.5 L x 21.5 W x 30 H cm (8.46 L x 8.46 W x 11.8 H in) | **$0.10/g** of standard filament<br><br>**$0.15/g** of Nylon filament<br><br>**$0.10/g** of breakway support<br><br>**$0.15/g** of dissolvable support | Fused Deposition Modeling<br><br>Fill: Mostly hollow (80-90%)<br><br>Layer Height: .06-.20mm |
| Formlabs Form2 SLA | .stl, .obj, .form | 14.5 L x 14.5 W x 17.5 H cm (5.7 L x 5.7 W x 6.9 H in) | **$0.30/ml** of standard resin<br><br>**$0.40/ml** of tough resin<br><br>**$0.50/ml** of flexible resin | Stereolithography<br><br>Fill: Solid<br><br>Layer Height: .025-.15mm |