3D PRINTER CERTIFICATION

Patron Name: _____ **Certification Appointment Dates:** _____

Waiver Signed: ☐

Activity	✓	Comments
PREPARING THE FILE		
• Patron can successfully open and load their .stl file to PrusaSlicer ○ They can move their project on the bed and confirm it is lying flat		
• Patron checks and confirms the correct filament type is selected		
• Patron can select their desired print profile		
• Patron can confirm if their project needs supports and how to add them ○ Patron can identify difference between kinds of supports		

• Patron can successfully slice their stl
   ○ Saves file as a .gcode to one of the printer SD cards
   ○ Identifies how long their print will take
   ○ Identifies how much filament a print will use		

PREPARING THE PRINTER		

• Patron can change filament
   ○ Unloads filament properly
   ○ Secures the filament loose end of the spool and stows in correct bin
   ○ Loads filament
   ○ Can identify different types of filament
   ○ Knows when and how to run cleaning filament		

• Can heat nozzle to appropriate temperature		
OPERATING THE PRINTER		
• Patron can load SD card and start their print		
• Knows how to pause or stop a print.		
• Can identify power kill switch		
• Can remove print from bed		

• Patron acknowledges they need to stay for first layer of their print
   ○ Knows what to look for:
      ▪ Smoking
      ▪ Print curling
      ▪ Debris on bed/nozzle		

RESERVATION PROCEDURE		
• Patron receives reservation link		
• Patron agrees to our 4 print per month reservation policy		
• Patron understands they must come in to print during reservation hours unless otherwise discussed		
• Patron understands if they go over print time, their print will be stopped to accommodate other patrons.		

☐ **Patron is certified to operate this machine during Makerspace open hours**

☐ **Patron is certified to operate this machine during library hours without staff supervision**

Staff Name: _____ **Staff Signature:** _____ **Date:** _____