

MAKING MATTERS Prototyping
GlowForge checkout sheet Version 1.1

- [] Review all known safety concerns.
 - [] Share link to Glow Forge safety documentation.
<https://support.glowforge.com/hc/en-us/articles/360033633314-Safety>
 - [] Warn of laser light awareness
 - [] Location of glasses for users that want to take that precaution. (On windowsill)
 - [] Review power connections for machine. How to power on and off.
 - [] Review Exhaust System.
 - [] Switch locations.
 - [] Blast Gate use.
 - [] Material burn hazards (toxic fumes, fire or physical heat of materials after printing)
 - [] Location of fire extinguisher and alarm pull
 - [] Confirm understanding that user must be present during all runs for 100% of run time.
- [] Review scheduling process
 - To register: <https://tinyurl.com/RegisterMMNHskedda>
 - To book time: <https://makingmattersnh.skedda.com/booking>
- [] Review Material selection
 - [] Discuss Laser power how to select proper material or proper power needed for a burn/cut.
 - [] Confirm understanding of Zero position back left (Note the pattern on the crumb plate)
 - [] Confirm Understanding of size requirements. (Length, Width and Height of material)
 - [] Material chemical vapor hazards
- [] Review a simple demo cut process.
 - Use a simple shape or do the fist in the print catalog(see link).
<https://support.glowforge.com/hc/en-us/articles/360033633374-1-Print-a-Catalog-Design>
- [] Review and Confirm shop cleanliness standards. "Leave it better than you found it."
- [] Review the availability of materials and storage.
 - Test cardboard, Scrap material, Sheets for sale at snack bar. Underlayment makes good test material.
- [] Review height of material;
 - Glowforge performs well with many materials 1/4" and less on a single pass. It can accommodate material as thick as 1/2", but may require multiple passes or flipping the material over. For engraving, you can remove the tray and insert objects as thick as 2". It can then engrave the surface up to 0.5", depending on the material.
- [] Discuss suggested tutorials for first projects.
<https://support.glowforge.com/hc/en-us/articles/360033633354-Make-Your-First-Prints>

MMNH Member: _____

MMNH Checked out by: _____

Date: ____/____/____