

3D PRINTING

◀ MAKERBOT ▶

- Excellent for fast, inexpensive prototypes and testing
- PLA filament is available in a variety of colors
- Files must be in STL or OBJ format
- Cost: \$.20 per gram
- Maximum dimensions: 11" x 11" x 18"
- Support must be removed manually
- Best results are achieved from objects with a flat base

◀ FORM LABS (RESIN) ▶

- High resolution, great for jewelry
- Standard white resin - \$.50 per ml.
- Castable resin - \$.90 per ml.
- Cost will be calculated before printing
- Prints will be cleaned and cured after printing

We will orient objects to achieve the best result possible.

If you require a particular orientation, in order to minimize support contact in a certain area, please discuss with the D.F.S. consultant.

3D printing can take many hours or even several days to complete. Please plan accordingly.

3D PRINTING

◀ DIMENSION ▶

- Only prints in white, ABS plastic
- Cost: \$ 9.00 per cubic inch (model and support material)
- Cost can be calculated before printing if needed
- STL format only
- Maximum dimensions: 8" x 8" x 12"
- Support material will be dissolved away after printing

◀ MAKERBOT METHOD

- Capable of printing mechanical parts at a lower cost than the Dimension printer
- Cost is \$.30 per gram (model and support)
- Price is calculated before printing begins
- Water soluble support

FREE 3D SOFTWARE

- Tinkercad.com
- Blender.org
- Freecad.org
- Selfcad.com