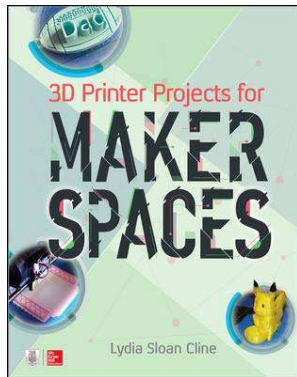




3D Printer Projects for Makerspaces

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by **Lydia Cline**



1st Edition • Not Yet Published • 304 Pages • Book
9781259860386 • 1259860388

Learn to digitally model and 3D print your own 3D designs—no experience required!

This easy-to-follow guide is full of hands-on 3D printing projects that will inspire makers of all types, ages, and skill levels. The book features highly illustrated, DIY examples that give readers step-by-step tutorials on putting 3D printing technology to work in their own designs.

3D Printer Projects for Makerspaces has projects that are simple, complicated, multi-colored, and scanned. They're printed on hot and cold build plates, use multiple software programs, and show print settings and orientation. Each project is printed so you can see the final result. Analysis tools are used to save time and cut waste. Post-processing techniques and tools are covered that make the prints really pop! Projects include a camera lens cap holder, soap cast, embossed cookie cutter, personalized key fob, lithophane, phone stand, and more!

- Software covered includes Autodesk Fusion 360, Meshmixer, Inkscape, and SketchUp
- Slicers include MakerBot Desktop, Cura and Simplify 3D
- Written by a dedicated Maker and community college professor