



Best Beginner Starter Kit Checklist

Voxel 3D printable checklist for first-time 3D printing setups. Use this sheet to keep track of the core items you need before you start printing.

Starter Kit Essentials

Done	Item	Why it matters
☐	3D Printer	Choose open-frame, enclosed, or bed-slinger based on space, budget, and materials.
☐	PLA Filament	Start with PLA. It is beginner-friendly, affordable, and easy to print.
☐	Slicing Software	Install a slicer such as Creality Print, Cura, PrusaSlicer, or OrcaSlicer.
☐	Digital Calipers	Measure parts accurately when designing, checking, or troubleshooting prints.
☐	3D Printing Tool Kit	Useful tools include flush cutters, deburring tool, tweezers, sanding sponge, files, and brushes.
☐	Scraper or Print Removal Tool	Helps remove prints from the build plate safely.
☐	Isopropyl Alcohol and Microfiber Cloth	Keeps the build plate clean for better first-layer adhesion.
☐	Spare Nozzles	Keep common replacement nozzles ready, especially 0.4 mm.
☐	Filament Storage Bags or Dry Box	Protects filament from moisture.
☐	UPS Battery Backup	Helps protect long prints from power flickers, brief outages, and voltage drops.
☐	Basic Safety Items	Keep the printer on a stable surface, away from clutter, and monitor early prints.

Optional Helpful Upgrades

Done	Item	Why it helps
☐	Extra Build Plate	Useful if the original plate wears out or you want faster print turnover.
☐	Nozzle Cleaning Needles	Helpful for minor clogs.
☐	PTFE Tube or Spare Extruder Parts	Good to keep on hand once you know your printer model.

Done	Item	Why it helps
[]	LED Light	Makes it easier to watch the first layer and check print quality.

Beginner Tip

Start with the basics first: the printer, PLA filament, slicer software, bed cleaning supplies, and a simple tool kit. Add more accessories as you learn what your printer needs.