FROM THE INTERNET TO THE PRINTER

Find a design, slice it in PrusaSlicer, copy it to the SD card, and print it on the Prusa MK3S

STEAM Night 2026
PLA filament, 1.75 mm

1 · Find a free design online ▶ **2 · Slice** in PrusaSlicer ▶ **3 · SD card** export and eject ▶ **4 · Print** pick it on the printer

1 Find a design

1. Go to **Printables.com**, Prusa's free model library. Search for something small, like "keychain", "whistle" or "fidget".
2. Check that the photos show a real print, and look at the size and print time if they're listed.
3. Press **Download** and save the `.stl` or `.3mf` file somewhere easy to find, like the Desktop.

> **Shortcut:** PrusaSlicer 2.9 or newer has a **Printables tab** in its top bar, so you can search and open designs without leaving the slicer. No login needed.

2 Slice it in PrusaSlicer

1. Put the printer's **SD card** in the laptop, then open **PrusaSlicer**.
2. Clear the old model with `Edit` › `Select All` › `Delete`
3. **Drag the file** onto the PrusaSlicer window, or use `Add` or `File` › `Import`.
4. Pick the profiles in the right panel:
   - Printer: `Original Prusa i3 MK3S & MK3S+`
   - Filament: `Prusament PLA`
   - Print settings: `0.20mm QUALITY`
5. Lay it flat. Use **Place on Face** and click the flat side that should touch the bed, or **Rotate** it.
6. Too big or too slow? **Scale** it down. Smaller prints finish much faster.
7. Does any part start in mid-air? Set **Supports** to *On build plate only* or *Everywhere*. Tick **Brim** if it has a small footprint.

3 Check it and copy it to the SD card

1. Press `Slice now`. It switches to the preview.
2. **Check the preview.** Drag the slider on the right through the layers, and note the **print time**. For STEAM Night, aim for under about 30 minutes.
3. Press `Export to SD/USB drive`. It appears next to `Export G-code` when the card is in.
4. **Give it a short name**, like `owl.gcode`. The printer's screen cuts off long names.
5. Press `Eject` (bottom right), wait for the OK, then take the card out.

4 Pick it on the printer

1. Push the SD card into the slot by the screen, **pins facing left, inward**.
2. Press the knob, turn to `Print from SD`, and press.
3. Turn the knob to your file and press. Can't find it? Change the order under `Settings` › `Sort`: by name, by date, or none.
4. *"File sliced for a diff printer… Continue?"* Choose `Yes`
5. **Watch the first layer** go down and stick. A volunteer stays at the printer the whole time it runs.

> Heating, loading filament, and fixing jams are on the 3D Printer Station guide (2 pages).

Scan for more

Printables
Prusa's free library of designs to download

Printables in PrusaSlicer
Search and open designs inside the slicer

Get PrusaSlicer
Free, for Windows, Mac and Linux

Prusa's first-print guide
The official walkthrough, with pictures

Design your own
Tinkercad: free and in the browser. Export an STL and start at step 2

Steps checked 11/03 against help.prusa3d.com: "First print with PrusaSlicer", "Printables in PrusaSlicer" and "SD card sorting".