

Ultimaker S3 Guideline

Finding free models

For most of us, our first model will be something pre-made and the two best resources for pre-made models are [Thingiverse](https://www.thingiverse.com/) and [Printables.com](https://www.printables.com/). Printables is a site designed for Prusa 3D Printer owners and, since our 3D Printer is a Prusa MK4, you will likely find these designs will work well on our printer. Some things to remember:

- Pay close attention to the copyright warning on each object. Some of them are open source, free use, but others have restrictions.
- When you find a model you think you'll like, check to see if other people have already made it
- Also pay close attention to the suggested print settings by the model's author. Often times, models will only work with specific print settings.

3D printing important tips

3D printing is what we call "additive" printing. This means that the machine starts on the print bed and will print hundreds of different layers from the print bed upward. Models that have overhangs of more than 45 degrees will not print very well and may require supports. Models that have objects floating in space will not print at all without supports.