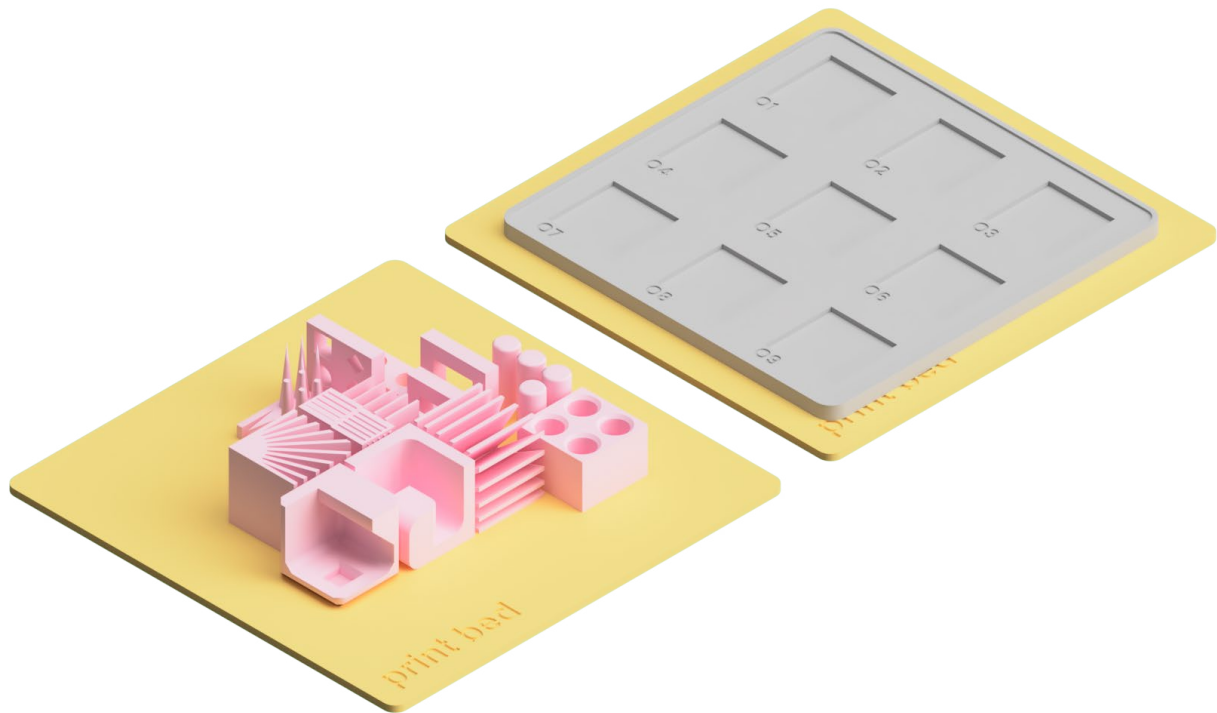


3D Printing Design Principles Model Set

Printing Instructions



This model set is designed to help you explore the core principles of FFF 3D printing through simple, physical examples. Each cube demonstrates a key concept, showing how design decisions affect printability and final part quality.

Print using standard PLA material and slicer settings. The goal isn't perfect prints, but to observe how each feature behaves under typical conditions – small imperfections are expected.

You can print the full set at once or use individual files to experiment with colours or materials. The base can be printed separately to organise the models.

Use this set alongside the Design Principles Guide, and explore the full [Designing for 3D Printing course](#) on PrintLab to see these principles applied in real designs.

Recommended Settings

	Technology	FFF
	Material	PLA
	Nozzle Diameter	0.4mm
	Layer Height	0.2mm
	Infill	15%
	Support	None