

Modeling with SketchUp for 3D Printing

Contents

Chapter 1: Introduction

- Don't Have a Printer?
- Various Ways to Print
 - ABS vs. PLA
 - Print Platforms, Adhesion, and Rafts
 - Heated vs. Unheated
 - Raft vs. Raftless
 - Adhesion Methods
- Setting up My Printers
- Live and Learn: Important Things to Keep in Mind
- STL Plugin
- Other Useful Tools

Chapter 2: Existing Models

- Printing Ready-Made Models
- Printing a One-Piece Model



Printing a Multi-Piece Model



- More 3D Model Sites
- The Thing about Those 3D Model Sites...

Personalized Phone Case



Chapter 3: Simple Models from Scratch

Flat Name Plate



Vertical Name Plate



Pencil Holder



Dice

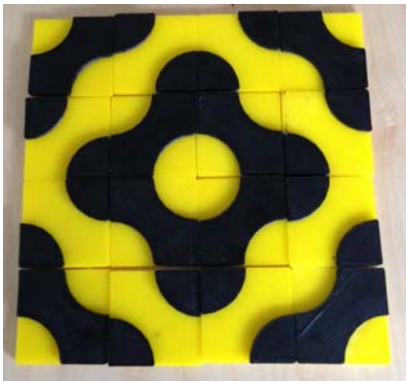


Logo Keychain



Chapter 4: Tiles and Puzzles

Truchet Tiles



Escher Rectangles



Escher Rotate-Copy Square



Escher Triangles



Shapes Puzzle



Fat Rhombs, Skinny Rhombs

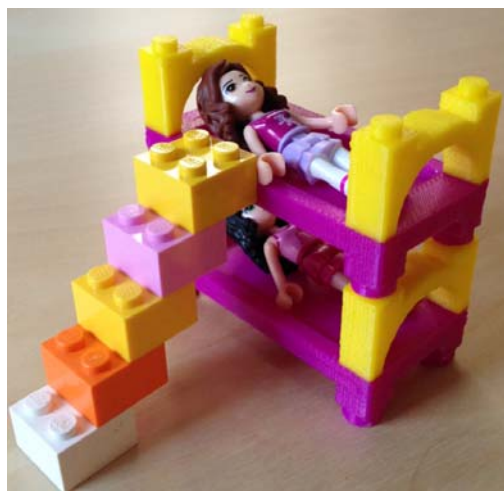


Chapter 5: Interesting and Interactive Models

Custom House



Lego Bunk Beds



USA States Puzzle



Round Container



Dovetail Joinery Box



DNA

