Water Gun Stand
3D PRINTING GUIDE

Makers Making Change
A Neil Squire Program

3D Printing Summary (Prusa MK4)

Metrics	Water Gun Stand
Total Print Time (min)	466min
Total Number of Components	2
Typical Total Mass (g)	205.68g
Typical Number of Print Setups	1

3D Printing Settings (Prusa MK4)

Print File Name	Qty	Total Print Time (hr:min)	Mass (g)	Infill (%)	Support (Y/N)	Layer Height/ Nozzle Diameter (mm)	Notes (orientation, special settings, etc.)
water_gun_stand_v2.stl + swivel_plate.stl	1	7:46	205.68g	15	Y (on build plate only)	0.3/0.4	Print in orientation given in STL Used 0.20mm structural rather than speed

Post-Processing

It is good to use supports for this device. I chose to let my slicer program, the Prusa slicer, automatically insert supports on the build plate only. I also chose to use 0.20mm structural instead of speed, so that the build has a higher chance of being printed stably.

Customization Options

The user can request the colour of the stand or any other custom markings they may want on the device.

Examples of Quality Prints

Below are pictures of what the quality of the print is expected to look like.