



## One-Piece Mouse Trap



LoboCNC

[VIEW IN BROWSER](#)

updated 18. 2. 2023 | published 18. 2. 2023

### Summary

This single piece mouse trap (well, except for the bucket and ramp) is a "Walk the Plank" style trap where, when the...

[Household](#) > [Outdoor & Garden](#)

Tags: [thingiverse](#) [mousetrap](#)

This single piece mouse trap (well, except for the bucket and ramp) is a "Walk the Plank" style trap where, when the mouse gets near the end of the plank, a latch releases the plank on its springy support, causing the plank and mouse to flop forward into oblivion. The plank then automatically springs back onto the latched position ready for the next mouse. Just bait the end of the plank with a little dab of peanut butter.

You will also need a standard 5 gal. paint bucket and the handy folding ramp I've included. Note that the 2-piece ramp prints as a single piece and breaks apart. Use a short length of 1.75mm filament as a hinge pin to connect the two ramp halves.

Watch it go at:

### Print Settings

**Printer:**

UDIO

**Rafts:**

No

**Supports:**

No

**Resolution:**

0.2mm

**Infill:**

15%

**Filament:**

Inland PLA

**Notes:**

Make sure you use PLA, as the spring is tuned for the springiness of that particular material.

Category: Outdoor & Garden

## This remix is based on



**One-Piece Mouse Trap**

by LoboCNC

## Model files



springytrap3.stl

---



**bucketramp.stl**

[Find source .stl files on Thingiverse.com](#)

## License ©

This work is licensed under a  
**Creative Commons (4.0 International License)**



**Attribution-ShareAlike**

- 
- ✗ | Sharing without ATTRIBUTION
  - ✓ | Remix Culture allowed
  - ✓ | Commercial Use
  - ✓ | Free Cultural Works
  - ✓ | Meets Open Definition