**Title**

Beverage Can Opener.

**Subtitle**

A tool to open beverage cans with a simple hook and lever motion.

**Device** **Specifications**

**Build** **Time**:

 < 1hr

1-4 hr

 5-10hr

 >10hr

Cost:

 $0 - $10

 $11 - $25

 $26 - $50

 $51 - $100

 $101 - $250

 $250+

**Stage**: Recently Added

**Skills**: 3D Printing

**Need**: Agility / Dexterity

**Disability:** Mobility/Physical

**Difficulty**: Beginner

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**Usages**: Aids for Daily Living (ADL), Mobility

**Designer**: Jason Yeung

## Device Details

### Overview

The Beverage Can Opener provides a way for those with arthritis, low finger dexterity, low vision, or other related disabilities to open beverage cans with a pull-tab with little strength or accuracy required.

This design is featured in the [Assistive Device Academy from Printlab](https://classroom.weareprintlab.com/p/assistive-device-academy-v2).

### Compatibility

This device is compatible with aluminum beverage cans with pull-tabs.Graphical user interface

Description automatically generated with medium confidence

Some aluminum cans contain a pull-tab with some graphic or logo in the top hole of the tab, as seen in the left of the photo above. Only cans with a tab like the one shown on the right, with a hole in the top of the tab, can be used with this device.

**Similar Devices**

* Another device for opening beverage cans, compatible with pull-tabs without a hole in the top (left in photo), is available at [https://makersmakingchange.com/project/beverage-can-opener/](https://makersmakingchange.com/?post_type=project&p=15048&preview=true).
* A device intended for tin food cans with pull-tabs, such as pet food, canned tuna or canned beans, is available at [https://makersmakingchange.com/project/pull-tab-tin-can-opener/](https://makersmakingchange.com/?post_type=project&p=15035&preview=true).

### Cost

Less than $1 CAD.

### Build Instructions

This device consists of a single 3D Printed Part. More comprehensive instructions on 3D Printing this device can be found in the Beverage Can Opener 3D Printing Guide.

#### Design

Full instructions for designing this device using CAD, along with other similar assistive devices, can be found in the [Assistive Device Academy from Printlab](https://classroom.weareprintlab.com/p/assistive-device-academy-v2).

#### Skills Required

3D Printing.

#### Time Required

**3D printing time:** 38 minutes.

#### Tools

3D Printer

### Attribution

Original design by Jason Yeung.

Minor modifications to design and documentation by Neil Squire / Makers Making Change under the CC-BY-SA 4.0 License.

More information about Printlab can be found on their website: <https://weareprintlab.com/> under the CC-BY-SA 4.0 License.