MAKERY PROJECT:
3D Printed Succulent Pot

TIME: 15 minutes
(does not include print time)
SKILL: Beginner

Custom decorate your house using the Makery's 3D printer. No 3D design experience is required. Did we mention you get to chose the color?

Note: Children younger than middle school must be directly supervised by an adult.

COST FOR 3D PRINTING
10¢ per gram, $1 minimum
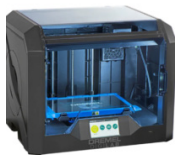
Bulbasaur (Printable with No Infill)
by user mike_new

Low Poly Planter - Wide Top
by user OmNomNomagon

Materials You Need to Bring

NOTHING!

Equipment Provided in the Makery

3D PRINTER

PLA FILAMENT

TIPS:
- You can use this tutorial to 3D print anything from **Thingiverse.com** in the Makery. Just substitute you own search terms in place of "pot planter" in step 1.
- Design your own at **TinkerCAD.com**
- You can paint your 3D print!
- Time and size limits apply. See all restrictions at **elmlib.org/3D** .

M THE MAKERY

1a

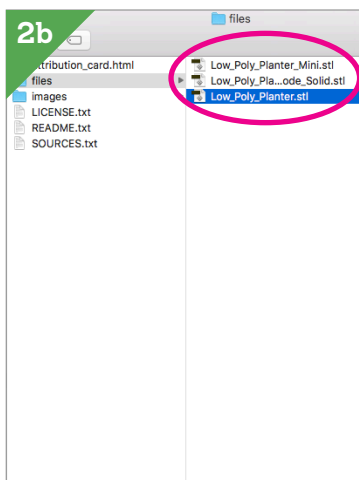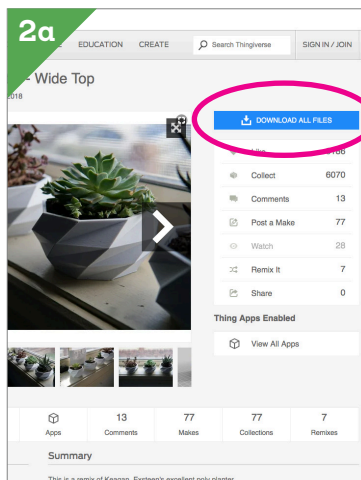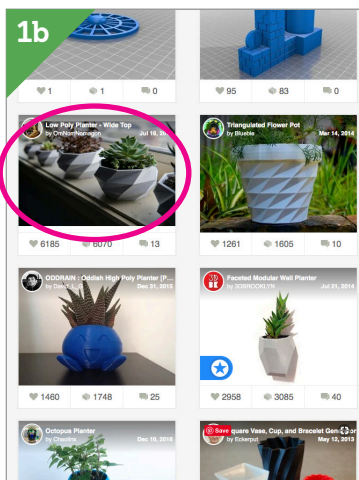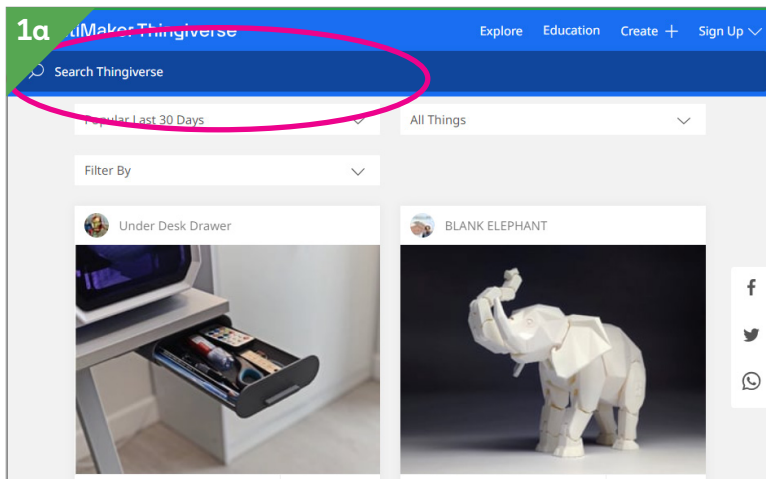elMaker Thingiverse   Explore   Education   Create +   Sign Up ⌄

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Under Desk Drawer   BLANK ELEPHANT

1b

Low Poly Planter - Wide Top   Triangulated Flower Pot
by OmNomNomagon Jul 16, 20   by Blueble   Mar 14, 2014

♥ 6185   ⬇ 6070   💬 13   ♥ 1261   ⬇ 1605   💬 10

ODDRAIN : Oddish High Poly Planter [P...   Faceted Modular Wall Planter
by ... Dec 31, 2015   by 3DBROOKLYN   Jul 21, 2014

♥ 1460   ⬇ 1748   💬 25   ♥ 2958   ⬇ 3085   💬 40

Octopus Planter   Save quare Vase, Cup, and Bracelet Gen...
by Chaohra   Dec 10, 20   by Eckerput   May 12, 2013

2a

EDUCATION   CREATE   🔍 Search Thingiverse   SIGN IN / JOIN

- Wide Top

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📱 13   77   77   7
Apps Comments Makes Collections Remixes

Summary

This is a remix of Keagan_Exsteen's excellent poly planter.

2b

📁 files

tribution_card.html   📄 Low_Poly_Planter_Mini.stl
files   📄 Low_Poly_Pla...ode_Solid.stl
images   📄 Low_Poly_Planter.stl
LICENSE.txt
README.txt
SOURCES.txt

3

elmlib.org/3D

3D PRINT
Fields marked with an * are required

Name *
[Your Name]

Email *
[youremail@gmail.com]

Library Card # *
[21135001234567]
0 of 14

Color *
[White ⌄]

Upload File *
Accepted file types: stl, obj
Max file size: 150 MB
[Choose File]

Size * ⓘ
Staff may scale the design down if the requested size exceeds the capacity of the 3D printers or if the print time is estimated more than 8 hours.
○ As-Is

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1 FIND:

a. Visit **thingiverse.com** and search for "pot planter" or any other design you like. Scroll and click on the result you would like to print.

b. If you want to print the exact pots pictured, use the title on the photo found on the reverse for your search.

2 PREP:

a. Click the blue button [Download All Files] and save the file to your computer. Unzip the downloaded file by double-clicking the icon (Mac) or by right-clicking and selecting "Extract All" (Windows).

b. There may be multiple files in your download—choose one that ends in: **.stl** or **.obj**

3 SEND:

In a browser window, go to **elmlib.org/3D** and fill out the form and click **Submit**. You will receive an email confirming we got your file.

4 PICK UP:

Printing is done by Library staff and is attended to on a first come, first served basis. Please allow one week for us to complete the print.

We send an email once the print job is ready for pickup. If a 3D print is not picked up after 30 days, it becomes the Library's property and may be discarded. You are still responsible for the cost.

📘 🐦 📷 Share your creation **#elmhurstmakery**