

EDU STEM 3D APPS



Library
Household

STL Finder

Discover hundreds of thousands free 3D printable models. Just download and print.

<http://stlfinder.com>

Download from Windows Store

FREE



DIFFICULTY



3D Builder

3D Builder is the best place to create, print and scan in 3D. You can easily personalise 3D models by embossing with text.

<http://apps.microsoft.com>

Download from Windows Store

FREE



DIFFICULTY



SculptGL

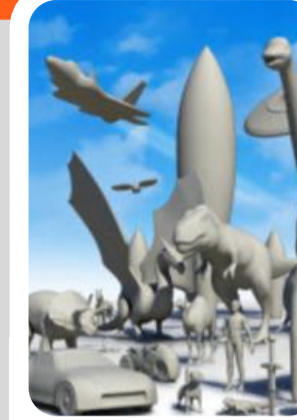
SculptGL is a powerful web sculpting application, powered by WebGL and JavaScript. Clay modelling 2.0

<http://stephaneinier.com>

FREE



DIFFICULTY



123 Sculpt

Create interesting and realistic 3D shapes with Autodesk 123D Sculpt 3D sculpting app, then download STL & 3D Print.

<http://123dapp.com/sculptplus>

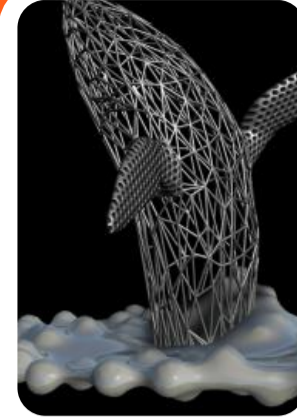
Google play

Available on the App Store

FREE + \$



DIFFICULTY



Meshmixer


Meshmixer is the ultimate tool for 3D mashups and remixes. Mash, mix, sculpt, stamp or paint your own 3D designs.

<http://123dapp.com/meshmixer>

Download from Windows Store

Available on the Mac App Store

FREE



DIFFICULTY



Cookie Caster

Build your own cookie cutter in under a minute.

Cookie Caster

Yum cookies, especially when you can create your own one-of-a-kind cookie cutter by 3d printing it.

<http://cookiecaster.com>


Google play

Available on the App Store

Download from Windows Store

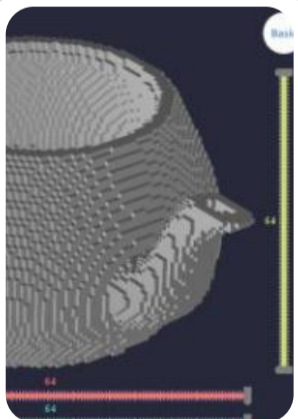
Available on the Mac App Store

FREE



DIFFICULTY

3D DESIGN PRINT APPS




3D Slash

A brand new, web-based 3D modelling app reminiscent of Minecraft. This app has several tools for creating and printing your designs.


<http://3dslash.net>

Download from Windows Store

FREE



DIFFICULTY




Treebuild

A Minecraft inspired web 3d design app. Easily create, store, and 3D print your 8-bit designs brick-by-brick with Cube.

<http://treebuild.com>

Download from Windows Store

FREE



DIFFICULTY





Photo2Mesh

Convert photos, drawings, logos into 3D STL files ready for 3d printing.

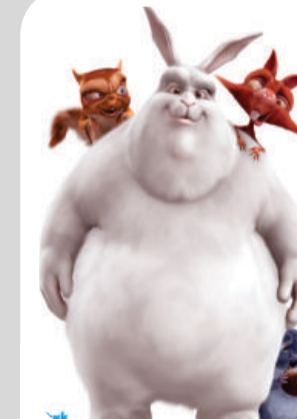
<http://3dprintingsystems.com>

Download from Windows Store

PAID



DIFFICULTY



Blender


Blender is a free and open source 3D design and animation suite. It supports the entirety of the 3D pipeline.

<http://blender.org>


Download from Windows Store

Available on the Mac App Store

FREE



DIFFICULTY



3Dponics


Design, print and then build your own 3D printed hydroponics garden.

<http://app.3dponics.com>


Download from Windows Store

Available on the Mac App Store

FREE



DIFFICULTY




Zotebook

A brilliant tablet app that recognizes your rough sketches and turns them into precise drawings ready for printing out.

<http://zotebookapp.com>

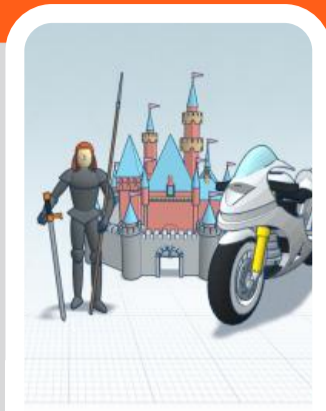
Available on the App Store

FREE



DIFFICULTY

3D DESIGN & PRINT APPS FOR STEM



Tinkercad

The easiest, fiercest 3D design tool around. Free, easy-to-learn online app anyone can use to create and print 3D models.

<http://tinkercad.com>

FREE + \$



DIFFICULTY



FormZ Edu

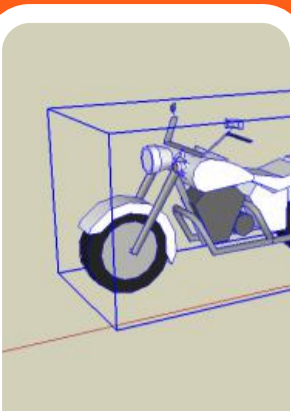
The form-Z Edu includes self-guided tutorials which are a great way to get started learning with form•Z

<http://goo.gl/wXIRmP>

FREE



DIFFICULTY



Sketchup

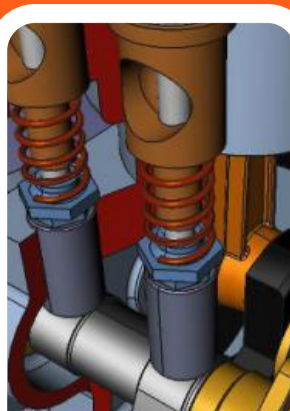
Start by drawing lines and shapes. Push and pull surfaces to turn them into 3D forms. Stretch, copy, rotate to make anything

<http://sketchup.com>

FREE



DIFFICULTY



FreeCAD

FreeCAD is a parametric 3D modeler, allowing you to easily modify your design by going back into your model history.

<http://freecadweb.org>

FREE



DIFFICULTY



3DTin

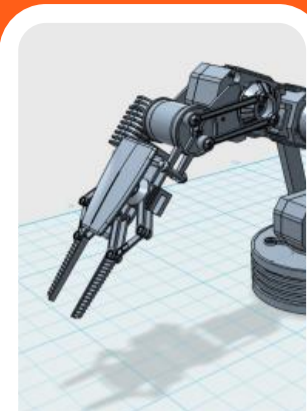
3DTin is a pioneer in browser based 3D Modeling. The simple user interface has made it very accessible for 3D modeling.

<http://3dtin.com>

FREE



DIFFICULTY



123 Design

Simplest way to get your ideas into 3D models. 123D Design is a free, powerful, yet simple 3D creation and editing tool.

<http://123dapp.com/design>

FREE + \$



DIFFICULTY

MEET THE UP BOX

“An exemplary printer that sets new standards in safety and HD print quality”



Tinker Play

Tinkerplay allows you to design robots and creatures and then 3d print them to bring them to life

<http://123dapp.com/tinkerplay>



FREE + \$



DIFFICULTY



Robot Factory

Dr Fluff's Robot Factory is a revolutionary app that allows anyone to create awesome 3D printed robots

<http://robotfactory.thinkerthing.com>



FREE



DIFFICULTY



123D Catch

Turn your photos into realistic 3D models by taking a series of photographs from different angles, then hit 3D print.

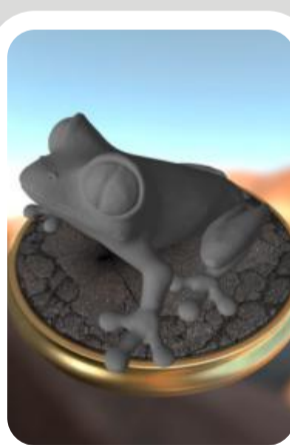
<http://123dapp.com/catch>



FREE + \$



DIFFICULTY



Makers Empire

Teachers achieve real learning outcomes, engage students in STEM topics and become confident in 3d printing technology.

<http://makersempire.com>



MONTHLY



DIFFICULTY



Openscad

Openscad is a 3D modelling program in which you type commands to alter objects, rather than interacting with them directly.

<http://openscad.org>



FREE



DIFFICULTY



Madeup

Madeup is a programming language for teaching computer science. Learners code up shapes and print them.

<http://goo.gl/u6Qq40>



FREE



DIFFICULTY