

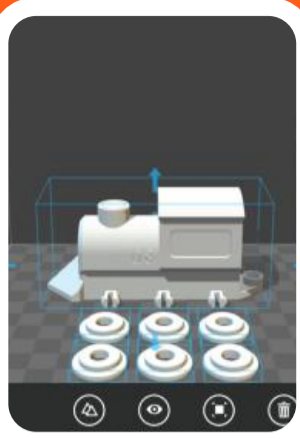
EDU STEM 3D APPS



STL Finder

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

<http://stlfinder.com>



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>



SculptGL

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

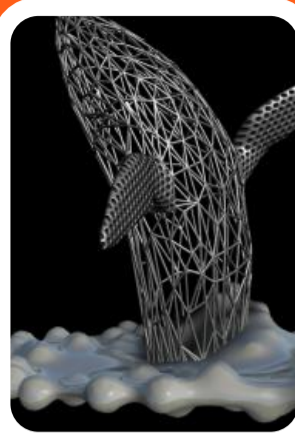
<http://stephaneinier.com>



123 Sculpt

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

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



Meshmixer

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

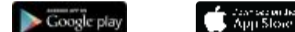
<http://123dapp.com/meshmixer>



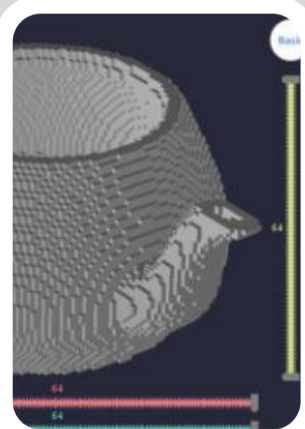
Cookie Caster

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

<http://cookiecaster.com>



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>



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>



Photo2Mesh

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

<http://3dprintingsystems.com>



Blender

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

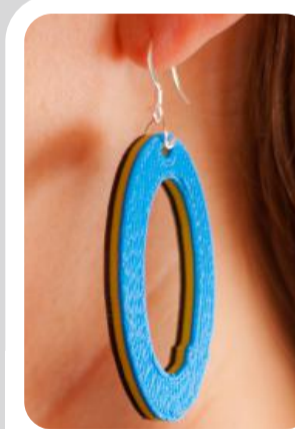
<http://blender.org>



3Dponics

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

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



Zotobook

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

<http://zotobookapp.com>



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](http://tinkercad.com)

FREE + \$



DIFFICULTY



FormZ Edu

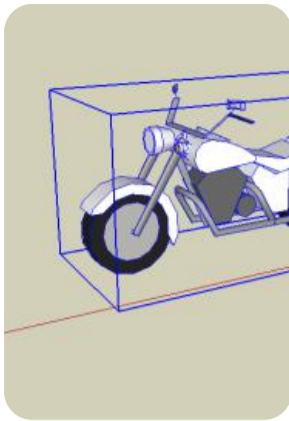
The form-Z Edu includes self guided tutorials which are a great way to get started learning with form•Z

[http:// goo.gl/wXIRmP](http://goo.gl/wXIRmP)

FREE



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Sketchup

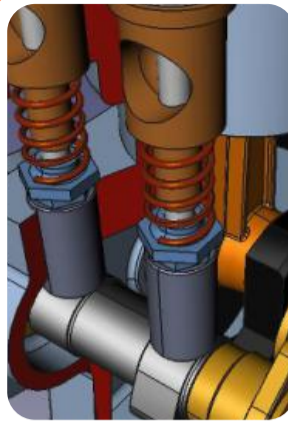
Start by drawing lines and shapes. Push and pull surfaces to turn them into 3D forms. Stretch, copy, rotate to make anything

[http:// sketchup.com](http://sketchup.com)

FREE



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FreeCAD

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

[http:// freecadweb.org](http://freecadweb.org)

FREE



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3DTin

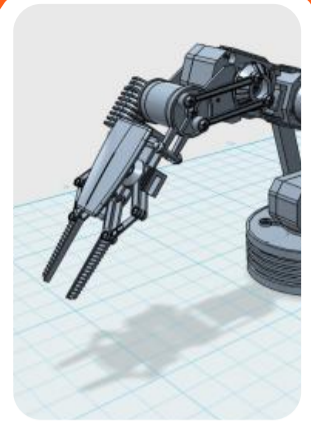
3DTin is a pioneer in browser based 3D Modeling. The simple user interface has made it very accessible for 3D modeling.

[http:// 3dtin.com](http://3dtin.com)

FREE



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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](http://123dapp.com/design)

FREE + \$



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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](http://123dapp.com/tinkerplay)



FREE + \$



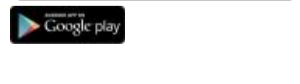
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Robot Factory

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

<http://robotfactory.thinkerthing.com>



FREE



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123D Catch

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

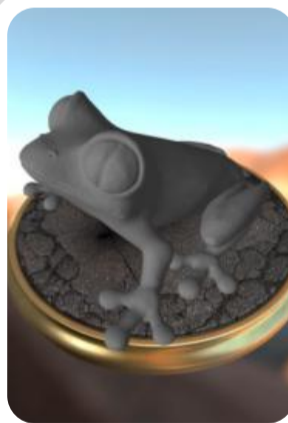
[http:// 123dapp.com/catch](http://123dapp.com/catch)



FREE + \$



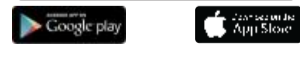
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Makers Empire

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

[http:// makersempire.com](http://makersempire.com)



MONTHLY



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Openscad

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

[http:// openscad.org](http://openscad.org)



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Madeup

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

[http:// goo.gl/u6Qq40](http://goo.gl/u6Qq40)



FREE



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