


EDU STEM 3D APPS




STL Finder

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

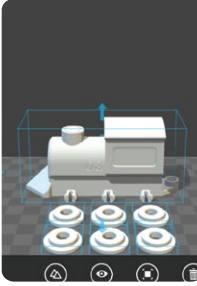
<http://stlfinder.com>

Download from Windows Store

FREE



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3D Builder

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

<http://goo.gl/066rh8>

Download from Windows Store

FREE + \$



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SculptGL


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

<http://stephaneginier.com>

FREE



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123D Sculpt

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


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

Download from Windows Store

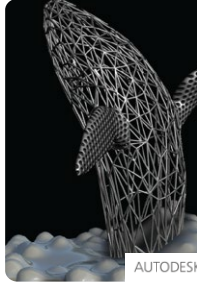
Available on the iPhone App Store

Available on Google play

FREE + \$



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Meshmixer

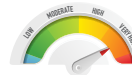
Meshmixer is the ultimate tool for 3D mashups and remixes. Mash, mix, sculpt, stamp, or paint your own 3D designs.

<http://meshmixer.com>

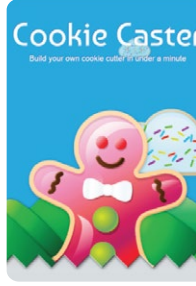
Download from Windows Store

Download on the Mac App Store

FREE



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Cookie Caster

Build your own cookie cutter in under a minute.

<http://cookiecaster.com>


Download from Windows Store

Download on the Mac App Store

Available on Google play

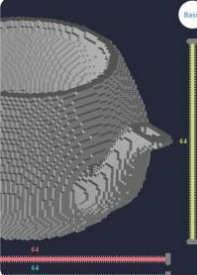
Available on the iPhone App Store

FREE



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3D DESIGN PRINT APPS




3D Slash

A brand new web-based, Minecraft-type 3D modeling app that has several tools for creating and printing your designs.


<http://3dslash.net>

Download from Windows Store

FREE



DIFFICULTY




Treebuild

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

<http://treebuild.com>

FREE



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Photo2Mesh

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


<http://goo.gl/CS9sZ0>

Download from Windows Store

PAID



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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>

FREE



DIFFICULTY



Zotebook

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

<http://zotebook.io>

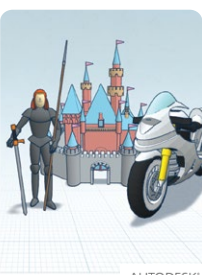





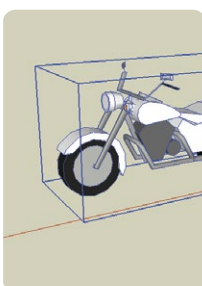


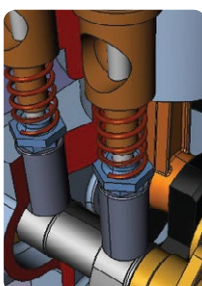





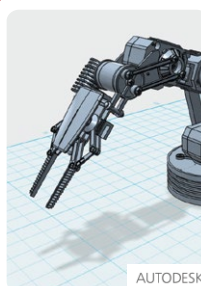


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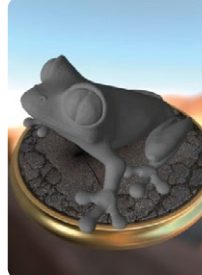







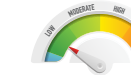
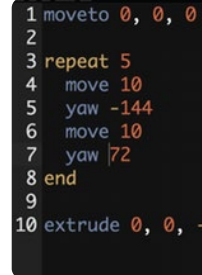


3D DESIGN & PRINT APPS FOR STEM

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|  <p>AUTODESK</p>  <h3>Tinkercad</h3> <p>The easiest, fiercest 3D design tool around. It's an easy-to-learn online app anyone can use to create and print 3D models.</p> <p>http://tinkercad.com</p> <p>Download from Windows Store Download on the Mac App Store</p> <p>FREE + \$</p>  <p>DIFFICULTY</p> |   <h3>Form-Z Edu</h3> <p>The form-Z Edu app includes self-guided tutorials, which are a great way to get started learning with form-Z.</p> <p>http://goo.gl/wXIRmP</p> <p>Download from Windows Store Download on the Mac App Store</p> <p>FREE</p>  <p>DIFFICULTY</p> |   <h3>Sketchup</h3> <p>Start by drawing lines and shapes. Push and pull surfaces to create 3D forms. Stretch, copy, and rotate to make anything.</p> <p>http://sketchup.com</p> <p>Download from Windows Store Download on the Mac App Store</p> <p>FREE</p>  <p>DIFFICULTY</p> |   <h3>FreeCAD</h3> <p>FreeCAD is a parametric 3D modeler, allowing you to easily modify your design by going back into your model history.</p> <p>http://freecadweb.org</p> <p>Download from Windows Store Download on the Mac App Store</p> <p>FREE</p>  <p>DIFFICULTY</p> |   <h3>3DTin</h3> <p>3DTin is a pioneer in browser-based 3D modeling. A simple interface makes it very accessible for 3D.</p> <p>http://3dtin.com</p> <p>Download from Windows Store Download on the Mac App Store Available on the iPhone App Store</p> <p>FREE</p>  <p>DIFFICULTY</p> |  <p>AUTODESK</p>  <h3>123D Design</h3> <p>This is the simplest way to get ideas into 3D models. 123D Design is a free, powerful, yet simple, 3D creation and editing tool.</p> <p>http://123dapp.com/design</p> <p>Download from Windows Store Download on the Mac App Store Available on the iPhone App Store</p> <p>FREE + \$</p>  <p>DIFFICULTY</p> |
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H800 3D PRINTER



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

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|  <p>AUTODESK</p>  <h3>123D Catch</h3> <p>Turn images into realistic 3D-printable models by taking a series of photographs from different angles.</p> <p>http://123dapp.com/catch</p> <p>Download from Windows Store Download on the Mac App Store Available on Google play Available on the iPhone App Store</p> <p>FREE + \$</p>  <p>DIFFICULTY</p> |   <h3>Makers Empire</h3> <p>Teachers achieve real learning outcomes, engage students in STEM, and become confident in 3D printing technology.</p> <p>http://makersempire.com</p> <p>Available on Google play Available on the iPhone App Store</p> <p>MONTHLY</p>  <p>DIFFICULTY</p> |   <h3>Openscad</h3> <p>Openscad is a program in which you type commands to alter 3D objects, rather than interacting with them directly.</p> <p>http://openscad.org</p> <p>Download from Google play</p> <p>FREE</p>  <p>DIFFICULTY</p> |   <h3>Robot Factory</h3> <p>Dr. Fluff's Robot Factory is a revolutionary app that allows anyone to create awesome 3D printed robots.</p> <p>http://goo.gl/tw8A5L</p> <p>Available on Google play</p> <p>FREE</p>  <p>DIFFICULTY</p> |   <h3>Madeup</h3> <p>Madeup teaches coding from a tangible perspective by integrating technology into models that can be sent to a 3-D printer.</p> <p>This Kickstarter project is still in development.</p> <p>FREE</p>  <p>DIFFICULTY</p> |
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