



**MAKERBO
THINGIVE**

**Access
FREE CAD
& 3D File Resources**

TinkerCad for Circuits & 3D Printing

TraceParts for Pre-made Parts to Use in 3D modeling

FreeCAD to Create 3D Modeling Files

SketchUp for Students



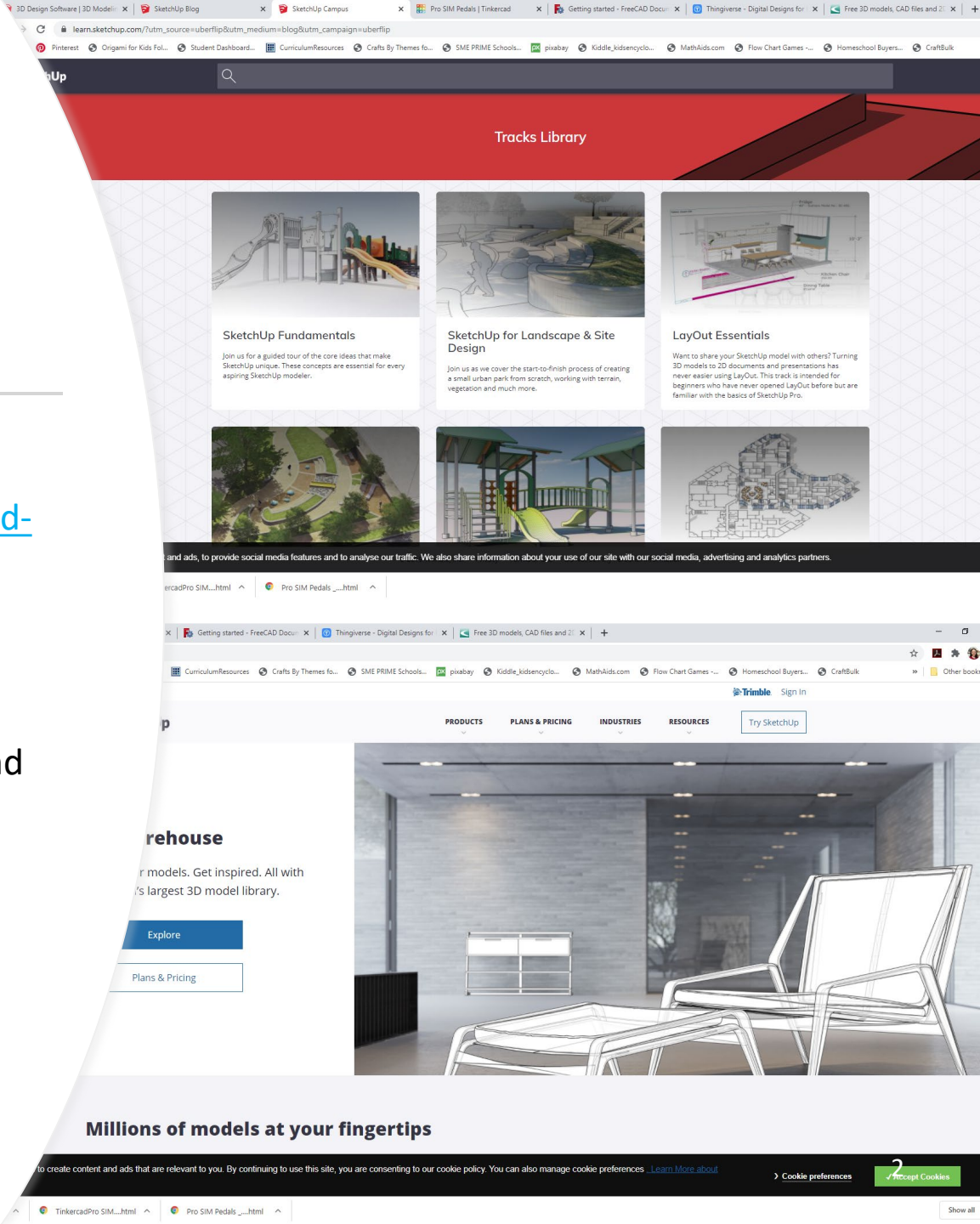
SketchUp

www.sketchup.com

SketchUp.com

<https://www.sketchup.com/plans-and-pricing/sketchup-free>

This is free 3D modeling software. Make anything you can imagine, without downloading a thing. The “warehouse” has product models, and the tutorials take you from basic to high level architectural modeling.

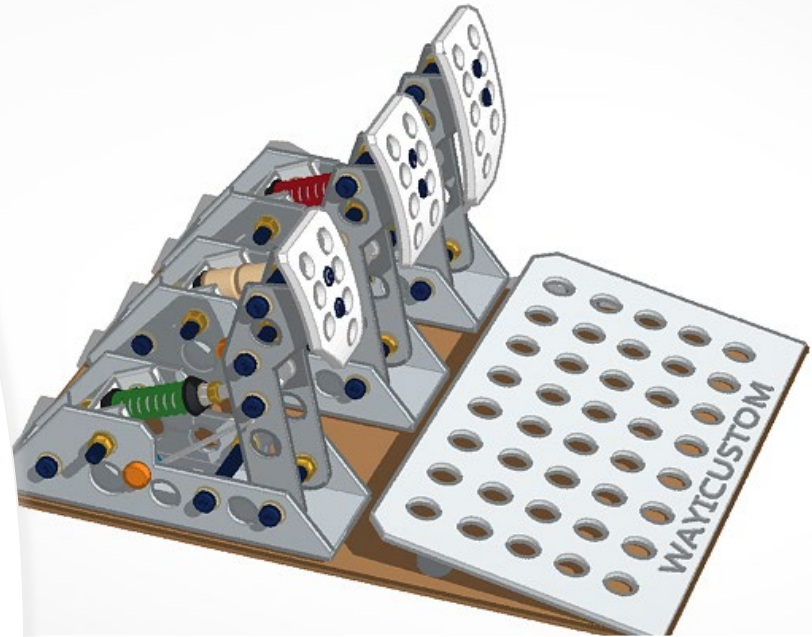


www.tinkercad.com

<https://www.tinkercad.com>

TinkerCad lets you create files, share files, and download files for 3D printing.

Search to locate downloadable .stl files or create a free account to build 3D modeling files.



From mind to design in minutes

Tinkercad is a free, easy-to-use app for 3D design, electronics, and coding. It's used by teachers, kids, hobbyists, and designers to imagine, design, and make anything!

Start Tinkering

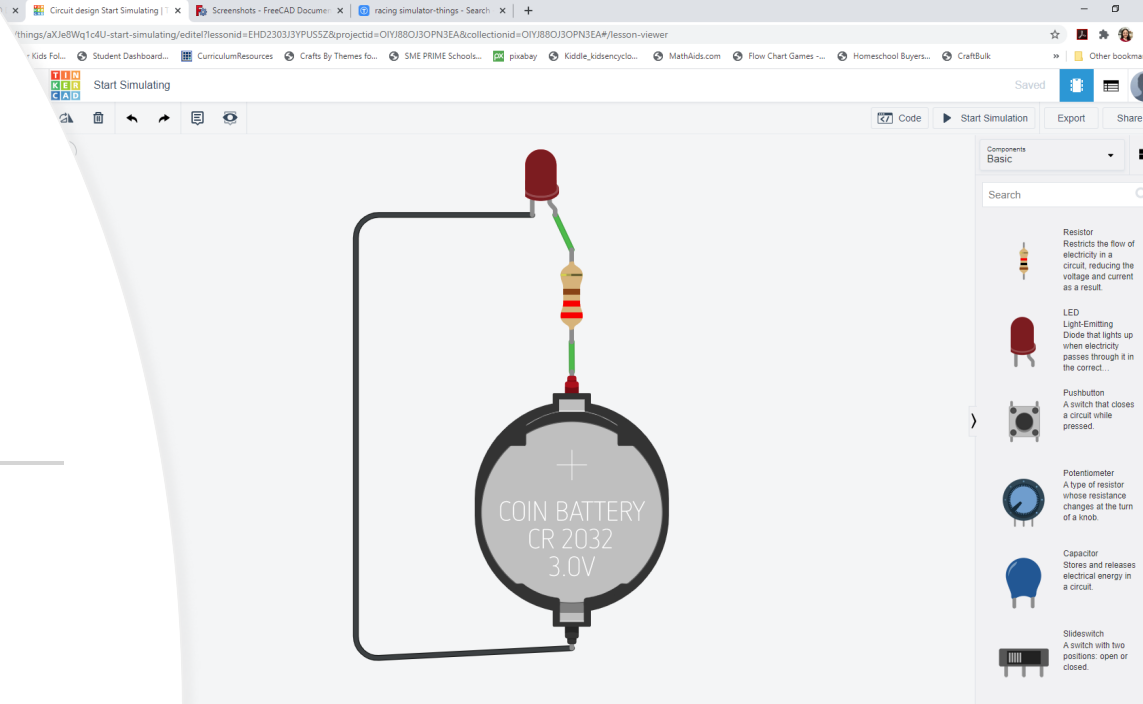
Join your class

TinkerCad.com

<https://www.tinkercad.com>

TinkerCad now has a circuit design feature that is wonderful for creating your schematics. You can even test the connections online before physically connecting wires and components. Just drag and drop components, wires, motherboards, etc. to make your connections.

Choose “simulation” to test.



Work with Circuits on Tinkercad!

Try Circuits

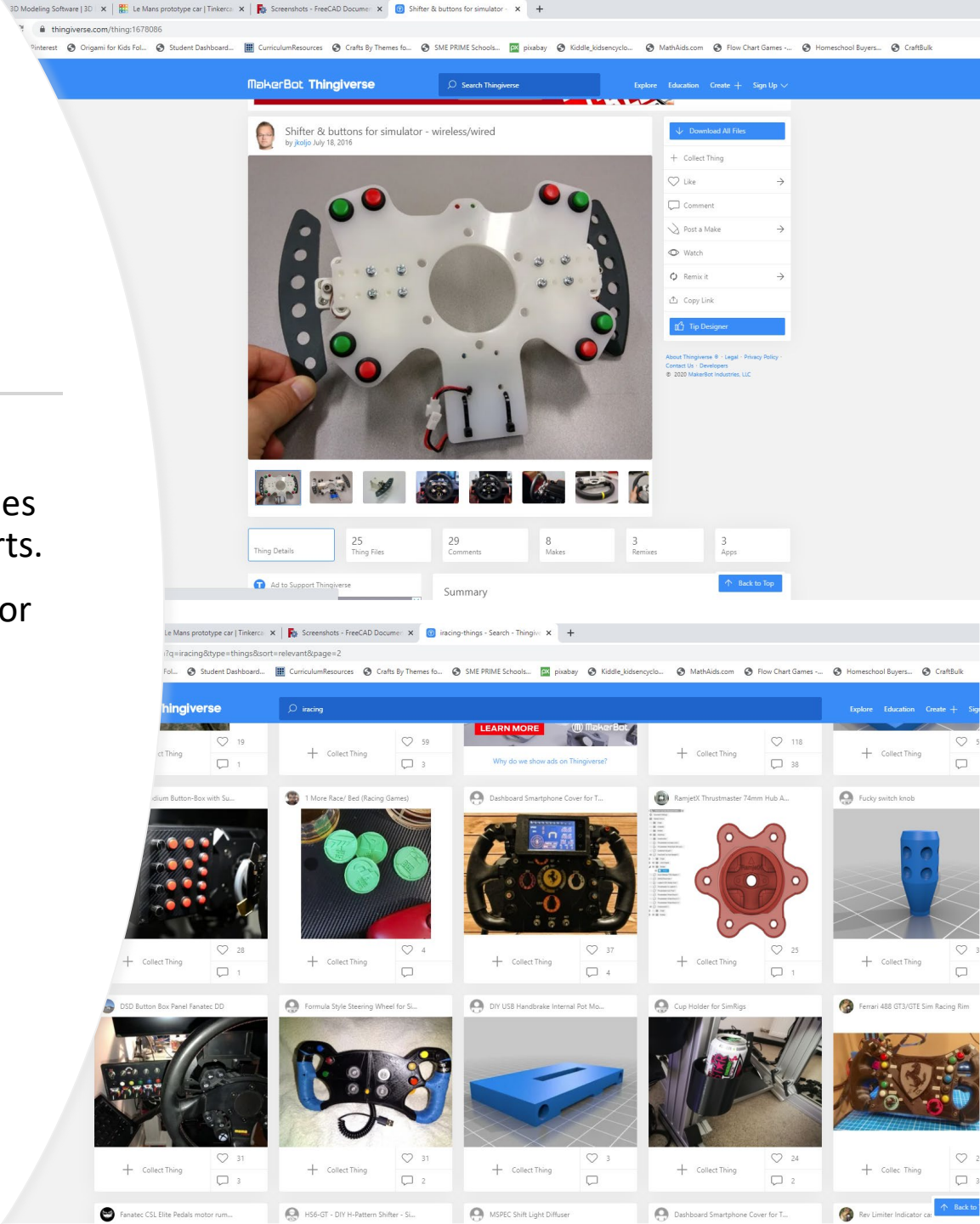
Thingiverse.com

<https://www.thingiverse.com/>

Search downloadable and editable files for components, peripherals, and parts.

- racing simulator or driving simulator
- iRacing
- peripherals
- wheel
- pedals

Common Courtesy: Remember to check copyright and usage, then cite your sources even if you plan to edit the original file.



info.TraceParts.com

Download FREE CAD Models from Supplier Catalogs

<https://youtu.be/mBHNUhJ3oYO>

All the parts you need for MCAD, ECAD, CAE and BIM

MECHANICAL COMPONENTS	OPTICS
MANUFACTURING ENGINEERING	PNEUMATICS
MATERIALS (BARS, BEAMS, TUBES)	VACUUM EQUIPMENT
MATERIAL HANDLING AND LIFTING	HYDRAULICS
ELECTRICAL	HEAT TRANSMISSION
SENSORS AND MEASUREMENT	BUILDING & CONSTRUCTIONS
ELECTRONICS	CIVIL ENGINEERING

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www.freecadweb.org/

FreeCAD

Your own 3D parametric modeler

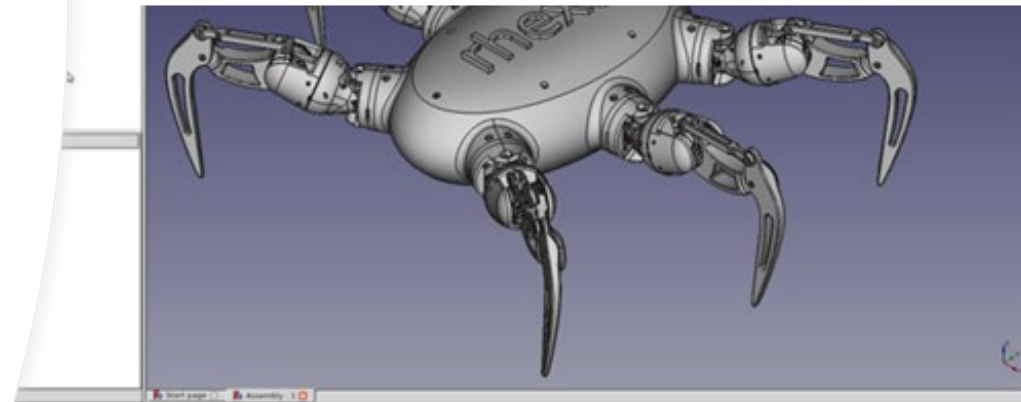
Download now

See what's new

See What's New at FreeCAD

<https://youtu.be/85HIYXnaxbw>

FreeCAD is a 3D CAD/CAE parametric modeling application. It is primarily made for mechanical design, but also serves other uses where you need to model 3D objects with precision and control over modeling history.



- GitLab
- Codeberg
- Mastodon
- Matrix
- IRC
- Gitter.im
- Reddit
- Twitter
- Facebook