Open Source Tools for Education

Here are quick links to the tools discussed in Mark Barnett's article, "Open Source Learning Tools Make STEM Possible in Underserved Schools." See the full article here: http://budurl.com/IDRAnlJJ16a

Open Source 3D Printing Manufacturers

Each of these manufacturers offers education pricing and technical support for users

- ▶ Printrbot   https://printrbot.com
- ▶ Lulzbot   https://www.lulzbot.com
- ▶ Prusa Research   http://www.prusa3d.com

Open Source Computers

- ▶ Raspberry Pi https://www.raspberrypi.org

Open Source Software

- ▶ Libre Office (replacement for Microsoft Office Suite) https://www.libreoffice.org
- ▶ Blender (replacement Adobe Photoshop and Illustrator) https://www.blender.org
- ▶ Scratch (for creating games, stories & animations) https://scratch.mit.edu

Open Source Textbooks and Resources

- ▶ OER Commons https://www.oercommons.org
- ▶ Open eBooks app http://openebooks.net/app.html

GoOpen

- ▶ U.S. Department of Education initiative http://tech.ed.gov/open-education

Set up a makerspace at your school!

Let IDRA makerspace expert, Mark Barnett, guide you through the process from ideation to implementation. Mark has started several makerspaces and is a national speaker on the subject.
Contact him at mark.barnett@idra.org or 210-444-1710. And follow mark on Twitter at @Maker_Mark.

See our Makerspace flier http://budurl.com/IDRAmsP