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 Free and Open Source Scientific Software (FOSSS) for Windows (and Linux)
 Computer Tech 2019

Program Purpose	Name	Link
Operating system (GNU/Linux)	Debian (replace MS Windows)	https://debian.org
Operating system (GNU/Linux)	Ubuntu (replace MS Windows)	https://www.ubuntu.com/desktop
Operating system (GNU/Linux)	Linux Mint	https://linuxmint.com
Version control (distributed)	Git	https://git-scm.com
Version control (centralized)	Subversion	http://subversion.apache.org
OS (info on GNU/Linux distributions)	Distro Watch	http://distrowatch.com
Version control host (FOSS)	Github	https://github.com
Version control host (FOSS)	Bitbucket (free private Git repos)	https://bitbucket.org
Version control host (FOSS)	Source Forge	http://sourceforge.net
Graphics (photo and image editing)	Gimp (replace Photoshop)	https://www.gimp.org
Graphics (vector drawing)	Inkscape (replace CorelDraw)	https://inkscape.org
Office suite	Libre Office (replace MS Office)	http://www.libreoffice.org
Mathematical programming	SciLab (replace MatLab)	http://www.scilab.org
Publishing (page layout)	Scribus (replace Adobe PageMaker)	http://www.scribus.net
Statistical programing	R-base (replace SAS or SPSS)	https://www.r-project.org
Resources (FOSS programs)	GNU Operating System	https://www.gnu.org/software
Resources (FOSS programs)	Apache	http://apache.org
Resiurces (FOSS programs)	Google	https://google.com
RDBM (relational databases)	SQLite (replace MS Access)	https://www.sqlite.org
RDBM (relational databases)	PostgreSQL (replace Oracle)	https://www.postgresql.org
Sound editing software	Audacity	https://sourceforge.net/projects/audacity
Music composition and notation	MuseScore	https://musescore.org/en

Program Purpose	Name	Link
CAD (Computer-Aided Design/Drawing)	BRL-CAD	https://brlcad.org
CAD (Computer-Aided Design/Drawing)	FreeCaD	https://www.freecadweb.org
CAD (Computer-Aided Design/Drawing)	OpenSCAD	http://www.openscad.org/
Chemistry software links	ScienceGeekNet	http://www.sciencegeek.net/Chemistry/chemware/chemware.shtml
Typesetting language	LaTeX	https://www.latex-project.org
LaTeX editor	TexStudio	https://www.texstudio.org
Mathematical programming	Octave	https://www.gnu.org/software/octave
Symbolic math solver	Maxima	http://maxima.sourceforge.net
Astronomy program	Stellarium	http://stellarium.org
Chemistry program	Bkchem	http://bkchem.zirael.org
Programming Languages		
scripting	Rakudo Perl 6	https://perl6.org
scripting	Perl 5	https://perl.org
scripting	Python	https://www.python.org
scripting	bash	https://www.gnu.org/software/bash
compiled	GNU C/C++/Fortran/Go/Ada/OC	https://gcc.gnu.org
Programming for children 8+	Scratch (with Linux Mint distro)	