

Schools4Tomorrow

OPEN SOURCE SOFTWARE and EDUCATIONAL WEBSITES

GENERAL



www.moodle.org

Moodle is a course management system—a free, Open Source software package designed using sound pedagogical principles, to help educators create effective online learning communities. It can be downloaded and used on any computer (including webhosts).



<http://www.openoffice.org>

OpenOffice.org 3 is an open-source office software suite for word processing, spreadsheets, presentations, graphics, databases and more.



<http://creativecommons.org>

Creative Commons provides free tools that let authors, scientists, artists, and educators easily mark their creative work with the freedoms they want it to carry. You can use CC to change your copyright terms from "All Rights Reserved" to "Some Rights Reserved."



<http://www.teachertube.com>

Teacher Tube provides an online community for sharing instructional videos.



<http://www.hippocampus.org>

HippoCampus is a project of the Monterey Institute for Technology and Education (MITE). HippoCampus provides multimedia content on education subjects to high school and college students free of charge. HippoCampus was designed as part of Open Education Resources (OER).



<http://www.montereyinstitute.org/nroc>

The National Repository of Online Courses (NROC) is a growing library of high-quality online courses for students and educators. This project, supported by The William and Flora Hewlett Foundation, facilitates collaboration among a community of content developers to reach students and teachers worldwide.



<http://vue.tufts.edu>





The VUE project is focused on creating flexible tools for managing and integrating digital resources in support of teaching, learning and research. VUE provides a flexible visual environment for structuring, presenting, and sharing digital information.








www.scribus.net

Scribus is a publishing program. Scribus supports professional publishing features such as CMYK color, separations, ICC color management and versatile PDF creation.

Schools4Tomorrow

 <p>www.ifolder.com</p>	<p>iFolder is a simple and secure storage solution that can increase productivity by enabling users to back up, access and manage personal files—from anywhere, at any time.</p>
 <p>italc.sourceforge.net</p>	<p>iTALC is a useful and powerful didactical tool for teachers. It lets you view and control other computers in your network, show demos, send text messages, and lock individual work stations.</p>
 <p>www.dmoz.org</p>	<p>The Open Directory Project is the largest, most comprehensive human-edited directory of the Web. It is constructed and maintained by a vast, global community of volunteer editors.</p>
 <p>www.skype.org</p>	<p>Skype is not Open Source software but a service that lets users make calls right from their personal computer. It allows teachers and students to have conversations with teachers and students around the world.</p>








SCIENCE

 <p>www.shatters.net/celestia</p>	<p>The free space simulation that lets users explore the universe in three dimensions. Celestia comes with a large catalog of stars, galaxies, planets, moons, asteroids, comets, and spacecraft, as well as a catalog of additional downloads. Students and teachers can plot a course and navigate a 3D solar system.</p>
 <p>www.stellarium.org</p>	<p>Stellarium is a free Open Source planetarium. It shows a realistic sky in 3D, and can be used with planetarium projectors.</p>
 <p>http://www.chemcollective.org/vlab/vlab.php</p>	<p>IrYdium - Virtual Online Chemistry Lab allows students to select from hundreds of standard reagents and manipulate them in a manner that resembles that of a real chemistry laboratory. It allows students to design and perform diverse experiments.</p>
 <p>www.openscience.org/links</p>	<p>The OpenScience project is dedicated to writing and releasing free and Open Source scientific software.</p>
 <p>http://phet.colorado.edu</p>	<p>PhET project at the University of Colorado is java-based educational simulations teaching chemistry, physics, math, biology and earth science.</p>

MATH

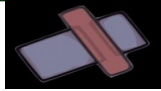
GeoGebra is a free and multi-platform dynamic mathematics software for schools that joins geometry, algebra

Schools4Tomorrow

 <p>GeoGebra http://www.geogebra.org</p>	<p>and calculus.</p>
 <p>http://phet.colorado.edu</p>	<p>PhET project at the University of Colorado is java-based educational simulations teaching chemistry, physics, math, biology and earth science.</p>
ART/GRAPHICS	
 <p>www.blender.org</p>	<p>Blender is the Open Source software for 3D modeling, animation, rendering, post-production, interactive creation and playback. Blender allows students and teachers to animate 3D computer graphics.</p>
 <p>http://www.xaraxtreme.org</p>	<p>Xara Xtreme for Linux is a powerful, general purpose graphics program for Unix platforms including Linux, FreeBSD and (in development) OS-X.</p>
 <p>www.inkscape.org</p>	<p>Inkscape is an Open Source vector graphics editor with capabilities similar to Illustrator, Freehand, CorelDraw, or Xara X using the WC3 standard Scalable Vector Graphics (SVG) file format.</p>
 <p>www.gimp.org or www.gimpshop.com</p>	<p>GIMP is the GNU Image Manipulation Program. It is a freely distributed piece of software for such tasks as photo retouching, image composition and image authoring. GIMP works on many operating systems, in many languages.</p>
 <p>http://live.gnome.org/Dia</p>	<p>Dia is inspired by the commercial Windows program 'Visio', though more geared towards informal diagrams for casual use. Teachers and students can use it to draw many different kinds of diagrams.</p>
SOCIAL STUDIES	
<p>StatPlanet http://www.sacmeq.org/statplanet</p>	<p>Statplanet is a free data visualization tool that lets students discover facts about world development using colored maps and graphs.</p>
 <p>http://tools.google.com/gapminder</p>	<p>Gapminder is a non-profit venture promoting sustainable global development and achievement of the United Nations Millennium Development Goals by increased use and understanding of statistics and other information about social, economic and environmental development at local, national and global levels.</p>

Schools4Tomorrow

AUDIO/VIDEO



<http://www.kdenlive.org>

Kdenlive is a multi-track video editor, including most recent video technologies.



<http://audacitysourceforge.net>

Audacity® is free, open source software for recording and editing sounds. It is available for Mac OS X, Microsoft Windows, GNU/Linux,

PROGRAMMING



<http://scratch.mit.edu>

Scratch is a programming environment for beginners, where kids can use a simple programming syntax to create their own interactive stories, animations, games, music, and art, and share their creations on the web

ELEMENTARY SCHOOL PROGRAMS



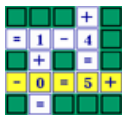
<http://gcompris.net/en->

GCompris is an educational software suite with numerous activities for children aged 2 to 10. Some of the activities are game orientated, but educational.



<http://sourceforge.net/projects/tuxmath>

"Tux, of Math Command" is a math drill game from simple number typing through addition, subtraction, multiplication, and division of positive and negative numbers. It is intended for kids 4-10



<http://www.asymptopia.org/index.php?topic=TuxMathScrabble>

Tux Math Scrabble is a free math game for kids that is similar to the board game Scrabble, but uses numbers instead of letters.



<http://tuxtype.sourceforge.net/download>

TuxTyping is an educational typing tutor for children starring Tux, the Linux Penguin.



www.tuxpaint.org

Tux Paint is a drawing program for children ages 3 to 12 (preschool and K-6). It combines an easy-to-use interface, fun sound effects, and an encouraging cartoon mascot who guides children as they use the program. Kids are presented with a blank canvas and a variety of drawing tools to help them be creative.

Schools4Tomorrow