

## TKI Software for Learning Recommends (Free)

### Alice

Alice freeware is a modern programming environment designed to be a student's first exposure to object-oriented programming where students can learn to program interactive 3D graphics.

The interface is designed to provide an easy, intuitive interface for novice, experienced, and non-programmers alike. It allows students to learn basic computer science while creating animated movies and simple video games, where students control the behaviour of 3D objects and characters in a virtual world. Download includes Book "Learning to Program with Alice".



### Audacity

Audacity is a free and easy-to-use audio production and mixing program which enables students to record, import, edit, and add effects to sound files.

[Audacity](#) can be used for pure audio production or for integrating sound files into movies, animations or PowerPoint presentations. Features include the ability to save an audio creation into the required file format and accessibility to additional downloadable resources like sound effects. Besides the extra functionality of Audacity, the main benefit of using this software is the improved quality compared to other basic sound recorders. Audacity is suitable for upper primary through to secondary.



### CamStudio

CamStudio freeware (for Windows only) can record all screen and audio activity on a computer (including voice). It creates AVI video files which can be saved and uploaded to other applications, such as websites, blogs, and computer networks. CamStudio can also convert AVIs into streaming flash videos (ShockWave Flash .SWF).



### Celestia

A space simulation that allows you to explore the universe in three dimensions. Students can travel throughout the solar system, to any of over 100,000 stars, or even beyond the galaxy. It includes a large catalogue of stars, planets, moons, asteroids, comets, and spacecraft.



### Celtx

Free open source pre-production software for film, video, theatre, radio, podcasts, and animation. It contains all the tools required to write, organise, and collaborate; at industry standard but incredibly simple. The software includes organisational tools such as a calendar for complicated scheduling and email lists for easy contact.

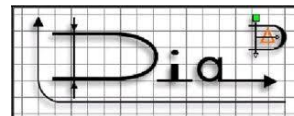


### Dia

Dia is editing software for diagrams, graphs, and charts.

You can use Dia to load and save diagrams to a custom XML format (gzipped by default, to save space), export diagrams to a number of formats (including EPS, SVG, XFIG, WMF and PNG), and print diagrams (including ones that span multiple pages).

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, for example, creating a diagram to show how their electrical circuit works; computer programmers can use it to create a flow chart to show the execution path of their program; or network administrators can use it to create a diagram to show how their network is laid out.



### DVDStyler

is a cross-platform free DVD authoring application for the creation of professional-looking DVDs. It allows not only burning of video files on DVD that can be played practically on any standalone DVD player, but also creation of individually designed DVD menus. It is Open Source Software and is completely free.



## FreeMind - mind mapping

A mind-mapping tool written in Java. It can be used for tracking, brainstorming, note-taking, recording, organising information, and more.



## Inkscape

Inkscape is a free, simple, and feature-rich drawing program with an intuitive interface and tools that will support students in the visual arts and visual language strands. It is an open source vector graphics editor, with capabilities similar to Illustrator, Freehand, CorelDraw, or Xara X using the scalable vector graphics (SVG) file format. Manual included.



## Libre Office



LibreOffice is a comprehensive, professional-quality productivity suite. There is a large base of satisfied LibreOffice users worldwide, and it is available in more than 30 languages and for all major operating systems, including Microsoft Windows, Mac OS X and GNU/Linux (Debian, Ubuntu, Fedora, Mandriva, Suse, ...). LibreOffice took over development of OpenOffice.org after it was abandoned by Sun Microsystems. While TKI recommends OpenOffice (Windows) and NeoOffice (Mac) this is actually the better bet. We have included the User Manual in the downloads.



## Paint.net

Paint.NET freeware is advanced image- and photo-editing software for computers that run Windows. It features an intuitive and innovative user interface with support for layers, unlimited undo, special effects, and a wide variety of useful and powerful tools. Includes Manual.



## Stellarium

Free software showing an explorable photo-realistic sky in 3D, with accurate depictions of stars, constellations, planets, and nebulas. Using Stellarium students can click on any object to find out what it is, how far away it is, and can zoom in for more detail.



## Tux Paint

**Tux Paint** is a free, award-winning drawing software program for children ages 3 to 12. It combines an easy-to-use interface, fun sound effects, and an encouraging cartoon mascot who guides children as they use the program.



## Educcomp Recommends (Free)

### 7ZIP – p7ZIP

7-Zip is a file archiver with a high compression ratio. It handles just about every compression method ever devised – a sort of universal product, in both 32-bit and 64-bit versions. The program supports 7z, XZ, BZIP2, GZIP, TAR, ZIP, WIM, ARJ, Windows CAB, CHM, CPIO, CramFS, DEB, Mac DMG, FAT, HFS, ISO, LZH, LZMA, MBR, MSI, NSIS, NTFS, RAR, RPM, SquashFS, UDF, VHD, WIM, XAR, Z.

**p7zip is the Mac version** of the popular Windows decompression application 7-Zip. Note that it doesn't have a user interface - instead it operates only from a command line using Terminal. However, there is a user interface provided by a separate program called Ez7z (included in our package), which helps if you're not familiar with Terminal and command lines. p7zip allows you to create compressed files, add and remove files as a compressed package, unpack packages, view package contents, and even preview them to see if they are working properly.



### AVG Free Version

AVG Anti-Virus FREE 2012 is perfect if you use your PC only for surfing, searching or social networking. If you also use your PC for banking or shopping you need the protection of AVG Firewall in AVG Internet Security 2012 to keep hackers out.



### Azureus (see VUZE)

#### Burn

OS X comes with Disk Utility—a very nice burning application plus some—out of the box, but it's often used only for more advanced ISO burning, disk formatting, and other heavy-lifting type activities. Burn, on the other hand, is a simple, user-friendly CD and DVD burning application that does data, audio, video, and disc copying with aplomb.

Before Time Machine, there was [Carbon Copy Cloner](#), a donation-ware backup utility. For creating bootable backups, Carbon Copy Cloner still rules; Time Machine lacks that crucial ability. Time Machine may someday get the bootable backup feature, but for now, take the [advice of user First Magus](#) in the Apple Support forums: "I still use CCC to make a main back up once a month that is stored off site. For day to day I use Time Machine."



### Calibre

Calibre is a one stop solution to your e-book needs. It is free, open source and cross-platform in design. Calibre is meant to be a complete e-library solution and thus includes library management, format conversion, news feeds to e-book conversion, as well as e-book reader sync features and an integrated e-book viewer. Manual included.



### Carbon Copy Cloner

Before Time Machine, there was Carbon Copy Cloner, a donation-ware backup utility. For creating bootable backups, Carbon Copy Cloner still rules; Time Machine lacks that crucial ability. Time Machine may someday get the bootable backup feature, but for now, take the advice of user First Magus in the Apple Support forums: "I still use CCC to make a main back up once a month that is stored off site. For day to day I use Time Machine."



### CCleaner

CCleaner is our system optimization, privacy and cleaning tool. It removes unused files from your system - allowing Windows to run faster and freeing up valuable hard disk space. It also cleans traces of your online activities such as your Internet history. Additionally it contains a fully featured registry cleaner. But the best part is that it's fast (normally taking less than a second to run) and contains NO Spyware or Adware! Mac version is its 5th BETA stage.



### Filezilla

FileZilla Client is a fast and reliable cross-platform FTP, FTPS and SFTP client with lots of useful features and an intuitive graphical user interface. The Windows versions are for an FTP Client or an FTP Server. The Mac version includes only the Client.



## Firefox and Thunderbird

The Firefox browser is created by Mozilla, a non-profit organization whose mission is to promote openness, innovation and opportunity on the Web. Learn more. Now with a new look, super speed and more awesomeness than ever!

Thunderbird is a free email application that's easy to set up and customize - and it's loaded with great features!



## GIMP Graphics

GIMP (GNU Image Manipulation Program) is a free software raster graphics editor. It is primarily employed as an image retouching and editing tool and is freely available in versions tailored for most popular operating systems including Microsoft Windows, Apple Mac OS X, and Linux.



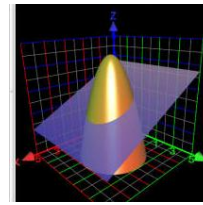
In addition to detailed image retouching and free-form drawing, GIMP can accomplish essential image editing tasks such as resizing, editing, and cropping photos, photomontages combining multiple images, and converting between different image formats. GIMP can also be used to create animated images in many formats such as GIF and MPEG through the Animation Plugin.

GIMP's product vision is that GIMP is a free software high-end graphics application for the editing and creation of original images, icons, graphical elements of web pages and art for user interface elements.

Four version are included: one for Windows, and one each for Mac OS Tiger, Leopard and Snow Leopard.

## Graphing Calculator 3D Mac 3.2

Easy-to-use 3D grapher that plots high quality graphs for 2D and 3D functions and coordinates tables. Graphing equations is as easy as typing them down. Graphs are beautifully rendered with gradual colours and lighting and reflection effects. Both Cartesian and polar coordinates are supported as well as parametric equations and inequalities. Fast rotation and translation of graphs with the mouse and with animations make graph visualization easy.



## Graphing Calculator 3D Windows 3.2

Graphing Calculator 3D from Runitor is a handy and free 3D graphing utility that plots graphs for two-and three-dimensional mathematical functions and coordinates tables. It supports parametric equations and Cartesian and polar coordinates in 2D and 3D, inequalities in 3D, and other capabilities. It boasts dazzling 3D graphs with seemingly limitless variations. You can change the colour, shading, and appearance of graphs, add animation and other features, and rotate and zoom them in real time. You can define your own functions and variables or use one of over 20 provided functions



## Infra Recorder

InfraRecorder is a free CD/DVD burning solution for Microsoft Windows. It offers a wide range of powerful features including ISO creation and writing; all through an easy to use application interface and Windows Explorer integration. 32-bit and 64-bit versions are included.



## KoalaCalc

**KoalaCalc** is a free multi-purpose calculator for Mac OS X. In its compacted state, it looks similar to the standard calculator that comes with Mac OS X. However, simply click the 'advanced features' box and KoalaCalc comes to life to become one of the most advanced scientific, conversion, statistical and expression calculators available.



## MS Windows Photo Gallery and Movie Maker 2011



Windows Live Photo Gallery helps you import photos from your camera, organize them into albums, and edit them so they look their best. Use powerful photo tools to create stunning panoramas, movies, slide shows, and more. You can edit dozens of photos simultaneously, remove blemishes, and fix red eye in a click. When you're ready to share, publish your photos and videos to your favourite websites like Facebook and Flickr directly from Photo Gallery. And with new search features and tools like face recognition, finding photos in your collection is easier than ever.

Windows Live Movie Maker helps you to quickly turn your photos and videos into polished movies. Add special effects, transitions, sound, credits, and captions to help tell your story. Or select the photos, videos, and music you want, and let AutoMovie do the work for you: it applies a beautiful theme that includes transitions, effects, titles, and more—all in less than a minute. Post your movie to your favourite sites—including YouTube, Facebook, Windows Live SkyDrive, and others, right from Movie Maker.

## MS Sync Toy



SyncToy, a free PowerToy for Microsoft Windows, is an easy to use, highly customizable program that helps users to do the heavy lifting involved with the copying, moving, and synchronization of different directories. Most common operations can be performed with just a few clicks of the mouse, and additional customization is available without additional complexity. SyncToy can manage multiple sets of folders at the same time; it can combine files from two folders in one case, and mimic renames and deletes in another case. Unlike other applications, SyncToy actually keeps track of renames to files and will make sure those changes get carried over to the synchronized folder. 32-bit and 64-bit installs included.

## MS Security Essentials



Use Microsoft Security Essentials to guard against viruses, spyware, and other evil software. It provides real-time protection for your home or small business PCs. Microsoft Security Essentials is free and we designed it to be simple to install and easy to use. It runs quietly and efficiently in the background so you don't have to worry about interruptions or making updates.

## Picassa

Much like everything else Google, Picasa is exceptionally straightforward to use, with a tabbed interface offering three options--My Photos, Favourites, and Explore--the last of which lets you browse the public photo library. Next to the tabs, you'll find a prominent Upload button for adding photos to your albums, which you can set to various levels of privacy. Within your albums, you have the option to view a slideshow, share via e-mail, make a collage or movie, order prints, and edit various aspects.



## Scratch

Scratch is an educational programming language that allows people of any experience, background and age to experiment with the concepts of fully versatile computer programming by snapping together visual programming blocks to control images, music and sound. Scratch is developed by the Lifelong Kindergarten Group at the MIT Media Lab, with financial support from the National Science Foundation, Microsoft, Intel Foundation, Nokia, Iomega and MIT Media Lab research consortia.



## TextWrangler

TextWrangler is the "little brother" to BBEdit, our leading professional HTML and text editor for the Macintosh. If you ever do any coding of any kind, check out TextWrangler. The baby brother of pro text editor BBEdit, TextWrangler checks your code as you type in languages including ANSI C, C++, HTML/XHTML, Fortran, Java, JavaScript, Object Pascal, Objective-C, Perl, PHP, Python, Rez, Tcl, TeX, Unix shell scripts, and XML.



## VUZE (formally Azureus)

Among BitTorrent clients, Vuze's JavaScript-based interface offers the greatest versatility for PC users. Vuze's documentation offers in-depth info on maximizing connection speed, and its advanced settings allow users to customize their network settings. With a rich Wiki and active user community, Vuze beats the BitTorrent application hands down. And of course, you're only trading legal P2P materials, right? Right!



## iWisoft Video Converter

A powerful, high-quality freeware video converter. It can easily convert video/audio between all popular formats. It can convert video/audio from one format to another, rip audio from video, convert video to image series, animated gif. The free video converter provides you optimized output profiles, you can easily convert video/audio for iPod, iPhone, PSP, Zune and many other digital devices. You can adjust codec, bit rate, frame rate, video size, audio channel, sample rate, audio volume etc. for an output format. And the video converter provides many useful video editing functions, like cropping, trimming, merging, adding watermark, subtitle etc.



## Free Trial Software

### Comic Life

*Comic Life 2 Mac Requires Mac OS X 10.4.11 or Mac OS X version 10.5.6 or later*  
*Comic Life 1 Mac Requires Mac OS X 10.3.9+*  
*Comic Life Windows needs Windows XP or newer.*



**Comic Life** lets you create astounding comics, beautiful picture albums, how-tos... and more! The *easy-to-use* interface integrates seamlessly with your photo collection. Drag in your pictures, captions, Lettering text ('**ka-blam!**') and speech balloons and your work is done! You can even use your webcam within Comic Life to make a comic on the spot! Comic Life is now available for the iPad for US\$4.99 from iTunes.

### I Can Animate

I Can Animate 2 is packed with brand-new exciting features. It's your one-stop solution for your stop-frame animation needs! Accessible to all ages and abilities. Quickly get started without the need to learn complicated menu systems. Advanced features allow animators to produce stunning movies with ease.

*I Can Animate requires Mac OS X 10.3.9, 10.4, 10.5*  
*I Can Animate 2 requires Mac OS X 10.5, 10.6, 10.7*  
*I Can Animate Windows needs Windows XP or newer.*



### Claymation Studio

Edutainment! Great for education and school projects. Claymation Studio™ combines the power of your PC and stop-motion animation to bring figures, objects or drawings to life. Creating stop-motion animation not only encourages the development of story-telling, it also provides an opportunity for kids to use the PC as a movie production tool.



### Adobe Photoshop Elements 10

We could only download the Windows version, I'm sorry. Assuming that we're really thick, Adobe steered us away from the Mac version altogether.



## Adobe Premiere Elements 10

We could only download the Windows version, I'm sorry. Assuming that we're really thick, Adobe steered us away from the Mac version altogether.



## Corel Graphics Suite X5

An extraordinarily good price for this graphics package makes it an almost "must-have" for Windows users. At \$199 academic, or \$264 retail/commercial, it's hard to go past. Package includes CorelDRAW, Corel PhotoPaint (like Photoshop), full-featured Screen Capture, Corel Connect (find graphics resources easily), thousands of clip art and photos, and heaps more.

NOTE: To install Corel GS X5, do the following:

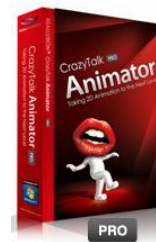
1. Move or Copy the file to your desktop;
2. Right-click on the icon, and choose "Install as Administrator"

It doesn't like being installed from a drive other than Drive C:.



## Reallusion Crazy Talk Animator

CrazyTalk Animator, the next level of 2D animation. Create actors using any photo or illustration. Bring actors to life with automatic facial animation & innovative puppeteering motion. Drag & drop to build sets with scenery and props. Film and direct all the action with the camera & timeline tracks for complete 2D Animation.



## Reallusion iClone 5

iClone5 is real-time 3D animation with quick design & production tools for digital actors, environments, visual effects & in-house motion capturing. Use the power of drag & drop editing with access to the largest library of real-time ready 3D content, and a powerful physics engine for smooth subject interactions. Be amazed with this fully-featured 3D animation studio that has revolutionized the art of 3D animation.



## SnagIt

Always there when you need it, our screen capture software makes it easy to snag clear graphics for your classroom content. Enhance your images with call-outs, arrows, speech bubbles, etc. to really catch student attention. Or, instantly share screen captures with your class.



## Team Viewer

TeamViewer is an app that lets you connect to other Macs and PCs via the Internet to share desktops, transfer files, walk through presentations, and control other computers remotely. It's even free for non-commercial use, making it a great choice for your pro bono troubleshooting for friends and family, or for just accessing your own Mac or PC from the road.

