

# SOFTWARE

Below is a list of the art related software that I use in the Art department at Sidcot School. I am sure that it is not all inclusive, as there is so much software available, so this list must reflect the road that we have taken as we have developed the use of computers, and also without a doubt the Mac orientated nature of the Art department at Sidcot, which will account for a deficit of MS programmes such as Paint and Publisher. In no way do I offer this as a definitive list, but simply some of the software that I have come into contact with and found useful.

Adobe (Macromedia) Director	Interactive CD ROM Authoring	I have used this programme a lot in school in the past, it is reasonably easy for younger or less computer oriented students, while possessing vast possibilities for those who are keen to explore its potential, and use it's programming language (lingo). More recently it's use has been rather eclipsed by Dreamweaver, Flash and Acrobat.
Adobe Acrobat	Printing/ Presentation	Industry standard application for generating documents for electronic distribution. Programs such as Indesign will output directly in an Adobe Acrobat format, and the Acrobat reader program is freely available. Acrobat Pro will create forms that can be electronically distributed to be completed and returned, and portfolios of documents, that can contain variety of different document types, gathered under one cover.
Adobe Acrobat.com	Word Processing	Online Adobe toolset
Adobe After effects	Video Editing	Expensive, very powerful
Adobe Bridge	Search	Search facility for finding stuff on your local computer to open in Adobe programmes
Adobe Buzzword	Word processor	Web based text editor - enables sharing of documents. Great for assessment  - web based
Adobe Connect	Internet	Conferencing and so much more - online tutorials / teaching - web communication.
Adobe Contribute	Web Publishing	From Macromedia, a programme that allows the editing of websites directly on the remote server, without uploading via FTP. It also allows an administrator to decide what bits of a website can be updated by authorised third parties.
Adobe Dreamweaver	Website Design	Dreamweaver is the industry standard, but there are many on the market
Adobe Fireworks	Website Graphics	Works alongside Dreamweaver for Website design
Adobe Flash	Website Animation	Works alongside Dreamweaver for Website design, also great for creating little web oriented animations
Adobe Illustrator	Drawing	Vector based program that integrates very well with Photoshop. Again there are alternatives such as Marcomedia's Free hand. Illustrator, Photoshop, Indesign and Acrobat are now being sold as a package (Creative Suite) with a good educational discount.
Adobe Indesign	Desk Top Publishing	I use Indesign rather than the industry standard Quark express, only because I have come up through the various versions of Quarks rival Pagemaker. Indesign links well with other Adobe products, is cheaper than Quark, and designed for designers rather than newspapermen!
Adobe Photoshop	Image Processing	'Raster' (pixel based) Image manipulation, Photoshop is the 'Industry Standard' software for image manipulation, but there are other applications that are similar, and cheaper, such as Corel Photo Paint and JASC Paintshop Pro. Adobe is now producing a cut down version of Photoshop called Elements.

Adobe Photoshop Express	Graphics	On line, simplified version of Photoshop.
Adobe Premier	Video Editing and animation	I use Premier to edit video, but also alongside Photoshop and Illustrator to create animations. It has a 'stop frame' facility that is particularly useful for animation
Alice	Games	Free software, both Mac and PC, for creating interactive games
Anaglyph maker	Image Manipulation	Just what it says it is - makes Anaglyphs (red / blue images to be viewed through red / blue glasses so they look 3D
Anasazi	Animator	Animation Stop frame animation programme for PC – similar to iStop motion (see above)
Animationish	Animation	Wonderfully simple and beautifully designed software for creating traditional hand drawn animation.
Aperture	Photo	Top end photo archiving and tweaking software from Apple
Apimac slide show	Presentation Software	This is a versatile and simple slide show creator for Mac. Cheap and downloadable, but Mac only. For PC's there is something similar called Pic to exe.
Artrage	Sketch	Fantastic free painting programme
Audacity	Music	Great little application, freely downloadable, which records and add effects – echo, wah-wah, play tracks backwards, apply multiple effects etc.
AutopanoPro	Image Manipulation	Rather expensive but also very effective software for stitching photographs into panoramas
BannerZest Pro	Gallery	Great bit of software for creating flash based galleries of images and movies
Beholder	web tool	image browser - just select images based on google or web searches.
Blingit	Image Manipulation	Great bit of software from Vertus that enables backgrounds to be very speedily cut from foregrounds - instant pop art effects, and easy enough for quite young students to use with very little learning.
Bryce	3D	This is the 3D software that gets the most use in school. It is a little 'dangerous' as it is possible to get spectacular results without really understanding the software, but it is also possible to produce some excellent work with this application. Earlier versions are now free downloads I believe
Cheap-o-Scope	Movie	converts quicktime movie to Adobe filmstrip file
Cheetah3D	3D	Powerful 3D software
Comic Life	Presentation	Great fun programme for making comics - but much more - cards and blogs, storyboards. I have even seen it used in advertising.
Comic Life Magiq	Collage /story board	Similar to comic life - for the creation of picture stories, includes templates (similar in some ways to the new template feature in OSX.5's Mail
Crazytalk	3D	Take a still image - or use one of the templates provided - and make it talk. Very simple to use and effective for producing news reader or narrator like effects for movies or websites  Upload a face - a photo or drawing, tell the software where to fine the corners of the mouth and eyes, upload or record a voiceover, and the result is a talking virtual puppet. The puppet can then be given movement and expression.
DeskTastic	Utility	A fun application that allows you to 'draw' directly on the desktop. Mind you, I have not really found a use for it yet!
Drumsteps	Music	Wonderful application for the fun creation of percussive soundtracks. Very visual. Freely available for download on both Mac and PC operating systems.
Eye Candy	Image Manipulation	Create effects such as fire, fur, marble, wood...

Fire Fox	Internet Browser	Another recent browser, an upgrade from mozilla - there are alternatives to Internet Explorer! – worth exploring
Flickr	Image Sharing	on line photo library, sharing, simple editing
FlipBook	Animation	Expensive professional animation software
Freeway Express	Web Design	Simple to use and relatively cheap web creation tool
Google Earth	Internet	Zoom in to anywhere on earth - spectacular!
Handbrake	Movie	HandBrake is an open-source, GPL-licensed, multiplatform, multithreaded DVD to MPEG-4 converter, available for MacOS X, Linux and Windows.
Hyperscore	Music	For PC only, a brilliant music making application. Aimed perhaps at younger students, very visual, the music is 'drawn' onto the score using virtual felt tip pens!
Icananimate	Animation	Animation programme like iStopmotion but with possibilities for Chroma key effects. For Mac – still in a beta version – to be launched soon. Other Kudlian software is worth a look for school / Mac users
iChalk	Graphics	Wonderful little programme for Mac, a virtual chalk board that works over networks. It includes animation and 'trace' features. Great for noughts and crosses!
iClone	3D	Take a 3D model and make them dance!  Machinima - creating virtual people to populate virtual worlds
iStopmotion	Animation	Plug a digital video camera into the firewire port, and create stop motion animations
Kidpix	painting	Simple painting program aimed at younger computer artists.
Magpie Pro	Lip Sync	Professional end voice sync
Mathmap	image distortion	Mathmap is a plugin for Gimp that creates extraordinary distortions, creating both still image and movie files. The program needs pretty good mathematical and programming skills, but the results are spectacular. Very Escher like.
Moho	Animation	Specifically for creating animations, it can mix drawing with live action. We have only just got going with this software, but it seems to have a lot of potential, and it is reasonably cheap
Mophage	Morph	morph one image into another
Morphx	Morph	morph one image into another
Movieflipper	Image Manipulation	free open source software to create flip books
Mscape	Programming and gaming	free to download software from HP to create Media Scape - based on maps, GPS, and mobile technology, to create 'pervasive media' games, and applications that use location to trigger events on mobile phones and pda's
Name Mangler	Utility	Mac utility for renaming files in a folder - very useful for creating sequences of images for animation
Neo Office / Open Office	Office	Open Source (freely downloadable for Mac, PC and Linux operating systems). Will open and save office documents.
Ning	Social Networking	on line software to create personalised social networking sites
Pencil	Sketch	Great free drawing programme
Phantasmagoria	Image Manipulation	Free to download - software for creating various effects with images - similar to Photoshop plugin filters.
Photo to Movie	Utility	Create the 'Ken Burns' effect, turning still images into movies by panning, zooming, moving from one image to another.
Photomatix Pro	Photography	Software for the creation of photographic images with high dynamic range (HDR) Take three identical photos, bracketing the exposure from over to under exposed, then use the software to combine the three images into one image with a very wide range of tonal values.

pictoicon	utility	Create personalised icons for applications, folders and documents
Pixelmator	Image Manipulation	Very similar to the basic functions of Photoshop, but with pretty icons and considerably cheaper - Mac only
Pixton	Graphics	On line comic book creation
Poser	3D	Create virtual manikins, which can be animated, or exported into other 2 and 3 dimensional applications. There are animals robots and skeletons as well as humanoids – has a tick box to switch genitalia on an off! I do have problems now and then with the poses that are created with this software, particularly with version 5, which is rather realistic! But for this slight problem (in relation to teenage boys) it is excellent software.
PulpMotion Advanced	Web Galleries	Uses templates to create compilations of still images and/or movies outputs as a single slide show movie, with music and moving graphics. Great way to display students work
RapidWeaver	Web Design	Fantastic simple to use drag and drop web site creation with powerful functionality - like iWeb only much more so. Very impressed! Based on templates.
Revolution Studio	Programming	Programming software - developed from the original Hypercard software created for the Mac. Powerful but simple language for creating applications and games.
Scrap Blog	Blogging	on line software for creating image based blogs - great for on line sketchbook work
Scratch	Games	aimed at teenagers and younger Scratch is a computer games creation software
Simply VR	Virtual Reality	Application for both Mac (OS9) and PC, to create simple 360 degree panoramic and object movies.
Sketchup	3D	Brill 3D / cad drawing programme - now a free download from Google
Skitch	Image Sharing	Made by the same company as Comic Life - designed for sharing photographs etc with annotation
SnapNDrag	Utility	Free to download Mac software for screen capture
Splashup	Image Manipulation	Web based photo manipulation and gallery
The Gimp	Image Manipulation	An application that is very similar to Adobe Photoshop. Open Source (freely downloadable for Mac, PC and Linux operating systems).
The VR worx	Virtual Reality	For making 360 degree panoramic or object movies. Includes the ability to add 'hot spots' with which to create jumps from one 'room' to another.
	Image Manipulation	Fantastic Mac programme for making 360 degree panoramas - it's the works!
Toon Boom	Cartooning	Powerful application for traditional style animation.
Tux Paint	Paint	Simple painting program aimed at younger computer artists. Mac only.
Vertus Fluid Mask	plugin	Plugin for Photoshop that enables very precise masking
VLC Media player	Player	for playing movies - one of the best - resort to this if Quicktime doesn't do the job
Voice Candy	Music	great little programme for youngsters - record silly voices
Wire Tap	Audio Utility	Another great utility from Ambrosia software (Mac) – will record any sound that the computer is making – from the playing of a video, DVD, radio, text to speech, voice...
Wire Tap Studio		
Xaos tools Paint Alchemy	Image Manipulation	Another set of plugin filters similar to Buzz. Photoshop now has many of the same filters as standard
xtranormal	Machinima	on line software for simple 3D Machinima