

## Using ICT to support inclusion

### Use ICT to support different styles of learning

The World Wide Web offers far more than documents and text. It is an excellent resource for images, sounds, movie clips, animations and symbols. Pupils can browse different sites to search for images and clip art. A range of useful sites is listed below. Be aware though your local authority may have placed access restrictions so that it is difficult, if not impossible, to access resources on the internet without the correct password.

#### Images and Photos (a selection)

Animatedgif.net has a large collection of animated gifs. Files in gif format don't take up as much memory and are much quicker to download than fully video or picture files.

<http://www.animatedgif.net/>

Artie has over fifteen thousand free animated gifs.

<http://www.artie.com/>

Awesome Clipart for Kids contains free clipart, puzzles and other material for teachers, parents and children.

<http://www.awesomeclipartforkids.com/>

Barry's Clipart is host to lots of free clipart and animations.

<http://barrysclipart.com/>

ClipArt.com includes millions of images for viewing, but downloading requires payment of a "joining fee".

<http://www.clipart.com/>

Clipart Warehouse has thousands of free clipart images and animations.

<http://www.clipart.co.uk/>

Discovery School's Clipart Gallery has hundreds of categorised images suitable for school use.

<http://school.discovery.com/clipart>

Disney Clipart cartoons of characters from Disney cartoons, films, television programs.

<http://www.disneyclipart.com/>

Do to Learn is a very useful site with information and resources, including clipart, aimed at children and adults with autism, or with learning difficulties

<http://www.dotolearn.com/>

FreeFoto for a massive range of over 40,000 well categorised photos, including nature, food and drink, places, etc. Lots of UK photos.

<http://www.freefoto.com/>

Google Images Use the Google search engine to find photographs and clipart on the web. Click on Images tab.

<http://www.images.google.com/>

Microsoft Design Gallery Live has downloadable clipart and animations designed for Microsoft Office, but suitable for use in other programs.

<http://dgl.microsoft.com/>

### Sounds

Classic Movies has loads of sound clips from classic films.

<http://classicfilm.about.com/msub13.htm>

Daily .Wav new .wav file of topical sound clip added daily.

<http://www.dailywav.com/>

Nebo Sounds has a large collection of uncategorised .wav files, making it a bit more difficult to find what you're looking for.

<http://www.nebo.edu/nebo/ppt/sounds/>

Partners in Rhyme is host to lots of free music loops and sound effects

<http://www.partnersinrhyme.com/>

Region 20 Graphics and Sounds has information and links to graphic and sound files.

<http://www.esc20.k12.tx.us/techserv/workshops/graphicsandsound/default.html>

Web Places Sounds provides categorised links to sound files.

<http://www.webplaces.com/html/sounds.htm>

### Working in groups

Be flexible about how groups are set up. Some pupils who experience difficulties with oral communication may nevertheless be skilled using a computer and have much to offer their computer phobic peers. Guidelines for group working with computers can be found at:

<http://www.becta.org.uk/technology/software/curriculum/effectivegroupwork/groupwork.pdf>

### Cultural diversity

Microsoft's Africana CD-ROM offers useful reference material on information about the black community

<http://www.africana.com/>

You can check out how you are doing by using Her Majesty's Inspectorate of Education publication **How Good Is Our School: Inclusion and Equality: part 3 Race Equality**. This self-evaluation guide is designed to assist schools and local authorities to consider the effectiveness of their approaches in promoting race equality. Eight quality indicators have been selected as the ones most relevant to preparing young people for life in an ethnically and culturally diverse Scotland.

<http://www.hmie.gov.uk/documents/publication/hgiospre.pdf>

Storlann will develop a range of new Gaelic learning resources including an online course for Geography. A SEED news release (in Gaelic and English) provides more information.

<http://www.scotland.gov.uk/pages/news/2004/04/SEED593g.aspx>

An audit of research related to minority ethnic people, particularly those born in Asia and Africa and their descendants, commissioned to inform the planning of a large-scale survey as well as other smaller studies.

<http://www.scotland.gov.uk/cru/kd01/red/auditethnic.pdf>

Report of Bristol seminar into how ICT can help address problems of under-performance of minority students.

<http://www.nestafuturelab.org/research/seminar/01sem01.htm>

LT Scotland's site includes a wide range of useful resources. Try typing a key phrase or words into the Search box and click search. If you're looking for resources on early years created by City of Edinburgh try:

<http://www.ltscotland.org.uk/earlyyears/edinburgh.asp>

Online support for ethnic minority attainment. Offers a portal to resources and links to the wider community of organisations involved in teaching English as an Additional language (EAL)

<http://www.emaonline.org.uk/ema>

Using a search engine, type in keywords and add the domain-name extension for a particular country. For example, Colossus contains a directory of search engines arranged by country

<http://www.searchenginecolossus.com/index.html#anchor21885>.

### Check out Becta sites

Becta Community Languages site for information on multilingual word processing

[http://www.becta.org.uk/inclusion/inclusion\\_lang/community/index.html](http://www.becta.org.uk/inclusion/inclusion_lang/community/index.html)

Use a web translation engine. Type in information in English to translate it into Urdu or a host of other languages. Try

<http://www.tranexp.com/InterTran.cgi> and <http://foreignword.com>

See Becta's technology information sheets

<http://www.becta.org.uk/technology/infosheets/index.html#sn>,

Find support organisations that can help you

<http://www.becta.org.uk/inclusion/sen/orgs/subject.html>

Mailing lists such as the SENIT-forum, managed by Becta, which grew out of the 1995 website to support Sencos in their work. It offers a convenient way of keeping in touch.

The Inclusion site <http://inclusion.ngfl.gov.uk> has an 'Ask the Inclusion Panel' facility to assist you if you can't find the resources you're looking for.

### Access information and resources

Several sites are developing resources that can be checked out and / or downloaded. These include: [www.ers.north-ayrshire.gov.uk/ers\\_services.htm](http://www.ers.north-ayrshire.gov.uk/ers_services.htm)

Aberdeenshire Council's: [www.wiredshire.org.uk/](http://www.wiredshire.org.uk/)

(Communication Aids for Language and Learning) CALL Centre

<http://www.callcentrescotland.org.uk>

Resources are continually being added to the Learning and Teaching Scotland site.

[www.ltscotland.org.uk](http://www.ltscotland.org.uk)

Although targeting the National Curriculum, the Teacher Resource Exchange has a host of resources for teachers to share electronically <http://tre.ngfl.gov.uk>