

## Website workshop

In this workshop we will take you to free resources on the following websites:

Ordnance Survey

Historic maps

MapZone®

Multimap.com

- these *free resources* could be used in preparing lessons, as map materials or as part of lesson notes;
- some thoughts on use are included; and
- as you try out the items listed below, consider how you might use them in your lesson preparation.

**Ordnance Survey website:** [www.ordnancesurvey.co.uk](http://www.ordnancesurvey.co.uk)

### Get-a-map™

This free map facility is to be found on the Ordnance Survey website. Map clips at scales of 1:50 000 and 1:25 000 anywhere in Great Britain are available for copying, printing or saving and can be used in education in the following ways:

- a classroom resource covering any location in Great Britain – does not rely on out-of-date paper maps or where no map is available;
- copied into a *Word* document as part of lesson notes;
- used in a comparison with old mapping (either old paper mapping or from the old-maps website – see below);
- can be used on the school website – **not** for commercial use; and
- loaded to Paint Shop Pro® or other package for enhancement and further use.

To use:

- On the Ordnance Survey home page click the link to *Get-a-map*.
- Click the *I want to Get-a-map now!* button.
- Under *SEARCH FOR a place name, a postcode or a grid reference* enter a postcode and click *Go* button – a 1:50 000 scale map is then displayed.
- Click in the **purple circle**: a 1:25 000 scale map is then displayed. (*The purple circle can be removed by clicking the 'clear' button.*)
- In the top right-hand corner, click *COPY* on the multiple button called *PRINT/SAVE/COPY* (*a new window containing a copy of the map opens*).
- To copy, right mouse click and then select *Copy*.
- Open up a *Word* document on your machine.
- To paste, right mouse click and then select *Paste* – then minimise *Word* for later use.
- Close the copy window of *Get-a-map*.
- You should now be in the map window of *Get-a-map* again.

**Historic maps** [www.old-maps.co.uk](http://www.old-maps.co.uk) – direct access to the website.

This is both a paid and free site, jointly owned by Ordnance Survey and Landmark®. This site can be used for the following purposes:

- Look at any location in Great Britain to investigate what existed over 100 years ago – print off as a classroom resource.
- Download into a Word document as part of a teaching resource – also alongside a *Get-a-map* clip of the same location for a compare and contrast.

To use:

- Access the website directly using [www.old-maps.co.uk](http://www.old-maps.co.uk)
- Type a place name of interest in the top left-hand box and click the *search* button – a map will be displayed unless you are presented with a choice. Click on the appropriate location.
- With the map on screen, click the *Enlarged View* button and maximise the screen.
- Use the scrolling bars to view to the extent of the sheet.
- This can be copied and pasted into a Word document.

**MapZone website** [www.ordnancesurvey.co.uk/mapzone](http://www.ordnancesurvey.co.uk/mapzone) – direct access to the website.

The MapZone website is the Ordnance Survey site for children aged 7–16 years of age. Items are being added all the time. The latest addition is a link to the Geograph website, where photography free to use in education is available. Competitions are changed on a regular basis and new games are added periodically.

MapZone can be used for the following:

- Structured classroom activities or after-school clubs.
- *Homework Help*, to aid revision of geographical topics and skills.
- *Did you know...?*, which has lots of geographical facts.
- Games and competitions.
- *GIS Zone*, launched at BETT 2005, an interactive introduction to GIS. The site has won a number of awards to date – the GA Gold Award April 2006, SAGT Non book Award Winner 2005 and highly recommended at the New Statesman New Media Awards 2006.

The site can be entered via the home page of the Ordnance Survey website by clicking the *Education* link and then *MapZone* link.

Look around the site – particularly GIS Zone and try the GIS Missions.

Note that the GIS Missions can be downloaded for use offline on a whiteboard.

## Education

Available is a variety of information collected together for all levels of education and for youth organisations. Specifically, it can be used as a teacher's resource.

On the Ordnance Survey home page find the section called *About us* and click the *Education* link.

Look around the site, but particularly notice the links to the digital mapping, *Mapping news* and *Teaching resources*.

Click the link to *Teaching Resources* – notice the link to *Election maps*

**Election maps** [www.election-maps.co.uk](http://www.election-maps.co.uk) – direct access to the website.

Election maps – potential uses:

- A source of free street-level mapping anywhere in the country.
- With the boundary information included, citizenship issues can be discussed.

To use:

- From the Teaching Resources home page on the Ordnance Survey education page click on the link *Election maps website* (notice also the link to Election map resources).
- Click *Enter the site* button.
- In the *Find* box, type your town.
- Click the radio button for *Local Authority*, then click *Go* – this displays a preview pane and street-level mapping.
- Boundary information can be included – see layers to the right.
- The maps can be printed or copied.
- Return to the Ordnance Survey home page at [www.ordnancesurvey.co.uk](http://www.ordnancesurvey.co.uk) and to the Teaching Resources home page.

## Outline maps of Great Britain

Also on the Teaching Resources home page can be found Outline maps of Great Britain.

Scroll and click the main link *GB Coastline and Administrative Areas map* or on the left-hand side navigation link to *GB Outline maps*. There is a selection of free downloadable basic small-scale maps of Great Britain – with and without boundaries.

Uses:

- This can be used to provide class sets of hard-copy printouts.
- It can be used in Word files, presentations such as PowerPoint® or used in schools' GIS packages such as AEGIS3.

## Map symbols

Also on the Teaching Resources home page there can be found map symbol information.

- Scroll and click the main link *Map symbol sheets* or the left-hand side navigation link to one of the individual systems options where downloads of symbols are available.

## Choosing the right map

We are to look at the *Choose the right map* facility. This was designed to help all map users understand map scale and choosing the right map to suit the specific purpose, for example, walking or motoring. All the mapping is centred on the Houses of Parliament to clearly show the same location at a variety of scales. It can be used in a variety of ways; here are a few:

- Viewed at its location as a website teaching activity or for helping with homework.
- All map extracts can be used together or individually to show Ordnance Survey map scales.
- Individual extracts can be dropped into a Word document as part of lesson notes.
- All extracts can be downloaded to a Word document and text can be added for a lesson on scale or generalisation.
- Could be used in Paint Shop Pro or another package and manipulated prior to further use.

To use:

- On the Ordnance Survey home page scroll to the bottom and click the link to *geographic information (gi)*.
- On the left-hand side navigation click *Choose the right map*.
- Click 1:1250 scale mapping.
- Scroll to the example of 1:1250 scale mapping near the bottom of the web page.
- Right mouse click, then *copy*.
- Open up a Word document as before and, using right mouse button, *Paste* into the Word document.
- Repeat exercise for other scales.

Return to Ordnance Survey home page.

## Fly-throughs

On the Ordnance Survey home page click the *about us* tab then click the left-hand side navigation link to *Downloads & games*, then scroll to the *Fly-throughs* link for fly-throughs of Ben Nevis, Scafell and Snowdon.

## And finally...

## Multimap website

The Multimap website is an example of an Ordnance Survey partner site that hosts Ordnance Survey map data. Like all sites, you should read the terms and conditions to verify what you are able to do.

The Multimap site uses Ordnance Survey 1:50 000 scale maps but enlarges them for greater clarity. It is therefore very good for those with special needs.

In an innovative way, it displays map and photographic data concurrently, which aids map and photo recognition.

To use:

To be found at the following web address: [www.multimap.com](http://www.multimap.com)

- Click Great Britain icon.
- In *GB postcode or place* box, type London.
- Click *Find*.
- Change scale to 1:25 000.
- Click *Aerial* (camera icon above the map panel).
- Move around on the aerial photograph and see the superimposed map.

Some other useful sites for information:

- [www.google.com](http://www.google.com)
- [www.geography.about.com](http://www.geography.about.com)
- [www.un.org](http://www.un.org)
- [www.statistics.gov.uk](http://www.statistics.gov.uk)
- [www.magic.gov.uk](http://www.magic.gov.uk)
- [www.stats4schools.gov.uk](http://www.stats4schools.gov.uk)
- [www.environment-agency.gov.uk/subjects/flood/](http://www.environment-agency.gov.uk/subjects/flood/)
- [www.geograph.co.uk](http://www.geograph.co.uk)