

Business Studies Design & Technology English English as an Additional Language Geography History Mathematics Music Religious Education Science

web-based resources in Secondary Music

web-based resources in Secondary Geography

web-based resources in Secondary History

web-based resources in Secondary English

web-based resources in Secondary Science

web-based resources with Secondary EAL learners

web-based resources in Secondary Mathematics

web-based resources in Secondary Religious Education

Using web-based resources secondary series

The Web-Based Resources series offers information on useful internet resources and applications that can be used to support learning and teaching across the curriculum. They also include helpful examples of each resource being used in classroom teaching. An example activity from each subject is in this booklet.

To see all the resources for each subject they can be downloaded in PDF format from Becta Publications [<http://www.becta.org.uk/publications>].

They are also reproduced online on ICT Advice [<http://ictadvice.org.uk/webbasedresources>].

Each website is referenced against the National Curriculum and QCA schemes of work.

www.becta.org.uk/schools



Bath Aqua Glass KS3 and KS4

This is a virtual business about a real craft workshop based in Bath. The site explains how the business developed, how production is organised and how it is planning for the future. It is not a substitute for a real factory visit but it is a useful addition for times when it is impossible to get out of school. It is particularly appropriate for the early stages of a business course, when students are beginning to experience real world situations. It could be built into an enterprise education programme.

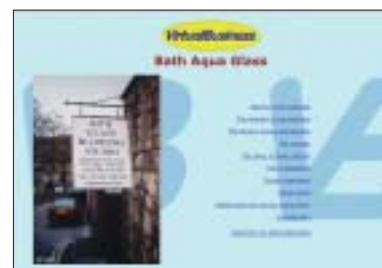
URL: <http://www.ebea.org.uk/ebea/nuffield/index.htm>

Relevant to the following:

GCSE Business Studies or Applied Business

KS3 Enterprise

Topics relating to production and organisation; some relevance to marketing.





SOFTswitch KS3 and KS4

From the SOFTswitch website pupils can access information about electronic fabrics and case studies about the applications in wearable electronics, smart interiors, pressure sensing, computing and games interfaces, toys and music.

URL: <http://www.softswitch.co.uk>

Additional sites:

Cyberglow:

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

Advanced Safety Products:

<http://www.advanced-safetyproducts.co.uk>

Relevant to the following:

Scheme of Work

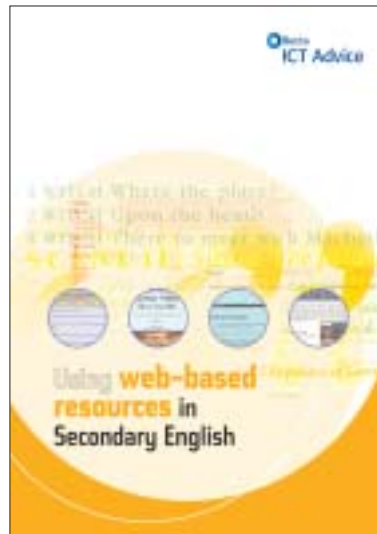
Unit 7A (iii) Understanding materials

Unit 7B (iii) Designing and making for yourself

Unit 9A (iii) Selecting materials

National Curriculum

1a, 1b, 1c, 1d, 2b, 2c, 2e, 3a, 3b, 3c, 4a, 5a, 5e



To Kill a Mockingbird – The Student Survival Guide KS4

This has online, hyperlinked annotations of the text covering vocabulary and allusions.

URL: http://www.lausd.k12.ca.us/Belmont_HS/tkm/

Relevant to the following:

National Curriculum

En2 – Reading: texts from different cultures and traditions

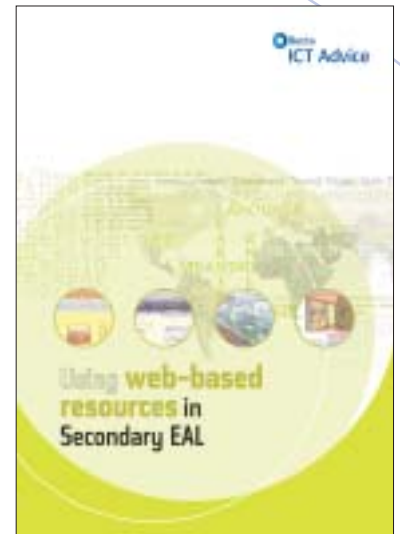
3a to understand the values and assumptions in the texts

3b the significance of the subject matter and the language

3c the distinctive qualities of literature from different traditions

3d how familiar themes are explored in different cultural contexts (for example, how childhood is portrayed, references to oral or folk traditions)

3e to make connections and comparisons between texts from different cultures.



British Council Learn English

This site has a huge range of articles to read. Each has access to an online dictionary and double clicking on any word brings up a new window that sets out a very clear and unambiguous meaning for the word, as well as giving examples of it in use. Each article is followed by a comprehension exercise – complete the exercise, click the 'submit' button and the answers are marked. The word games use the article key vocabulary in close or matching activities. The site also features grammar exercises, games and a variety of other resources.

URL: <http://www.britishcouncil.org/learnenglish/>

Relevant to the following:

Key Stage 3

National Strategy – English

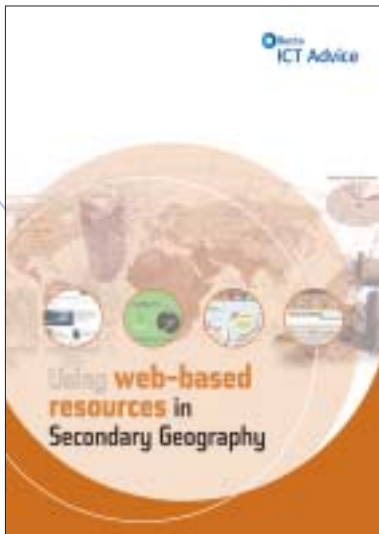
Cross phase

Suitable for students beginning to be familiar with the English language

Cross curricular

Can be used in all subject areas





The Met Office KS3 - A2

Provides geography teachers with clear, up-to-date teaching and learning material. The site provides live and archived weather data from the local to the global scale. (Thus, data from a meteorological station reasonably near to the school can be related to local conditions). The site also has a virtual Curriculum Learning Centre, a virtual Teacher-training Centre, and contains numerous other resources.

URL: <http://www.met-office.gov.uk/>

Relevant to the following:

Key Stage 3

National Curriculum paragraphs: 6d how and why weather and climate vary including... (iii) how and why aspects of weather and climate vary from place to place

GCSE

OCR – Geography C (Bristol Project), Theme 1: physical systems and environments

GCE AS-level/A-level

Edexcel – AS/A2, research for Unit 4: the natural environment



Bayeux Tapestry KS3

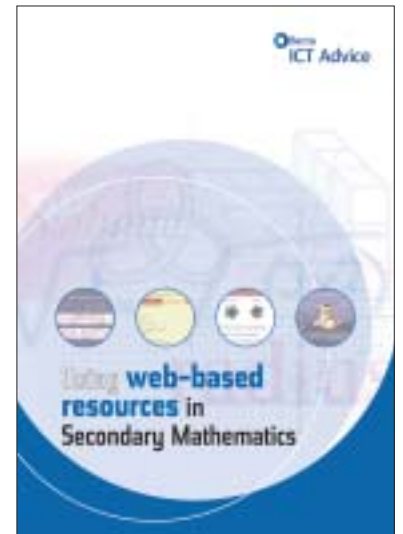
This is a complete reproduction of the Bayeux Tapestry, with other sections containing background information setting the tapestry in its historical context.

URL: <http://hastings1066.com/>

Relevant to the following:

National Curriculum

Britain 1066–1500 Historical enquiry: evaluate the sources used, select and record information relevant to the enquiry and reach conclusions.



Royal Air Force: RAF Target KS3

The website contains a set of interactive exercises dealing with solving problems using mathematical skills. Users take the part of different RAF personnel and engage in various 'out-and-about' missions. The area for teachers contains curriculum maps detailing the context in which the activities can be used.

(Note: the activities require Macromedia Flash).

URL: <http://www.raftarget.com/>

Relevant to the following:

Key Stage 3

Framework for teaching mathematics: Year 8, Using and applying mathematics to solve problems, 2-25 solve more demanding problems and investigate in a range of contexts: number, algebra, shape, space and measures and handling data...





Mouse Controller KS3

This page allows a synthesised timbre to be controlled by the horizontal and vertical position of the mouse pointer. The two switches make more fundamental differences to the sound quality. The underlying notes and rhythm cannot be controlled, but a wide variation in timbre is possible using the mouse and switches.

URL: <http://www.sseyo.com/showcase/flashdemos/MouseController/mouseController01.html>

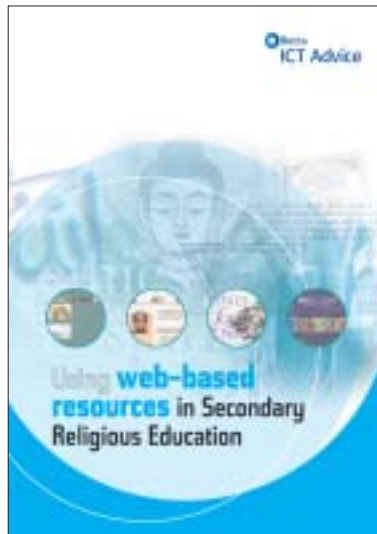
Relevant to the following:

National Curriculum

1b, 2b, 5d

Scheme of Work

Key Stage 3 Unit 3



Connecting beliefs, values and behaviour KS3 & 4

This is an online, interactive searchable database to which students can add their own answers to the 11 questions asked in the original questionnaire. It is a moderated resource for young people aged 5 – 18. Classroom activities are suggested and can be downloaded (pdf).

URL: <http://www.pcfre.org.uk/db>

Relevant to the following:

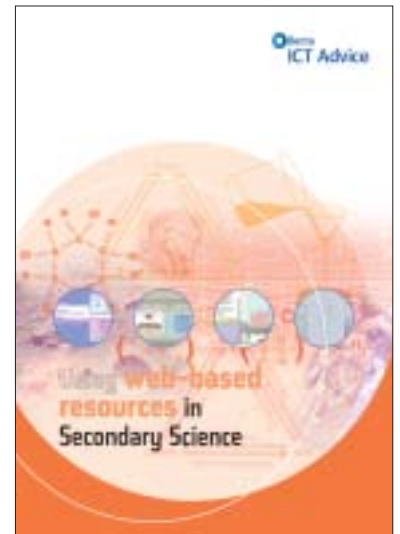
Key Stage 3

QCA non-statutory scheme of work for RE:

Unit 8C: Belief & Practice (generic)

GCSE Criteria:

AO3 Evaluate different responses to religious and moral issues, using relevant evidence and argument



The Human Body – BBC KS3

An interactive drag and drop activity which involves placing the body's organs in the correct position.

URL: <http://www.bbc.co.uk/science/humanbody/body>

Relevant to:

Scheme of work

Unit 8A – Food and digestion

National Curriculum

Sc2 – Life processes and living things: humans as organisms

2b the principles of digestion, including the role of enzymes in breaking down large molecules into smaller ones

2c that the products of digestion are absorbed into the bloodstream and transported throughout the body, and that waste material is egested.



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