

Education & Broadband ^{1/2}

Transforming & Enhancing Learning

Enabled learning, more commonly known as e-learning, is a broad term that covers distance learning and the use of computers within the educational field. In particular the Internet has been proven to be quite a stimulating and interactive tool leading to encouragement and motivation. With broadband use there is unlimited exposure to a range of exciting, innovative and interactive learning that has been previously unavailable due to a narrow bandwidth.

Improved Co-operation & Understanding between Educational Institutions

Broadband extends educational boundaries and enables fast collaborative online work improving the link between local and international educational establishments. It can also serve as a guide for all involved in teaching and learning.

Widening & Strengthening Communities

Libraries, museums and theatres can be linked allowing the public to view information as easily from home as from the building itself. Broadband users can even tour the buildings and view exhibits as if they were actually in the building. Providing such geographically independent services enables more people to access to the cultural of this and other countries.

Careers

The Internet is the fastest and most efficient way to search for educational and career resources locally and internationally. With Broadband, searches can be conducted as quickly from home as from work.

Improved Efficiency in Existing Educational Provision

Educational software tools such as Blackboard, help to improve the way in which courses are being run. These types of software allow streamlined administration and management, enabling curriculum details and examination results to be delivered efficiently.

Teachers can make use of fast online resources for lesson planning and incorporate a richer media content into their teaching plans.

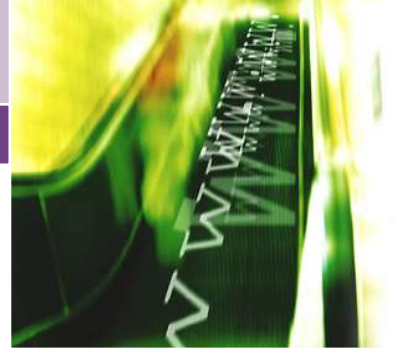
Increased Student Confidence & Self-esteem

Broadband provides the speed for a fast Internet connection enabling excellent problem solving research techniques. It lets students ask questions online to varied professionals, not just their teacher, and so provides them with a greater knowledge base.

Communicating through the Internet also provides a safe environment where inhibitions are lessened. The classroom at times can be daunting whereas online, some pupils feel they can ask the questions they are afraid to ask in a face-to-face situation.

More Effective Distance Learning Courses

Due to the high bandwidth of broadband, distance learning becomes more feasible. Through various educational tools, access is increasing and becoming more workable for people living in rural areas, people with disabilities and/or behavioural problems. There is email and instant messaging which allows real-time, two-way communication. Video conferencing and web conferencing suitably caters for small and large group presentations. There are also message board facilities to deal with questions and answers and the provision of general collaborative workspaces.



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Related Links

- <http://www.kn.pacbell.com/wired/vidconf/intro.html>
- <http://www.ics.ltsn.ac.uk/pub/conf2000/Papers/ashton.htm>
- <http://www.funbrain.com/>
- <http://www.teachernet.gov.uk/>
- <http://www.nfer.ac.uk/eurydice/>
- <http://www.ngfl.gov.uk/schoolsites/index.jsp?sec=31&cat=601&clear=y>
- <http://www.scienceworlds.co.uk/home.asp>
- <http://www.24hourmuseum.org.uk/>
- <http://www.bbc.co.uk/events/index.shtml>
- <http://www.clothofgold.org.uk/index3.html>
- <http://www.blackboard.com/>
- <http://www.ngfl.gov.uk/>
- <http://www.ask.com/>
- <http://www.teoma.com/>
- <http://www.deepindex.com/>
- <http://www.dlcoursefinder.com/>
- <http://www-icdl.open.ac.uk/>
- <http://www.open.ac.uk/>
- <http://www.learnirect.co.uk/>
- <http://www.careers-gateway.co.uk/mainpage.htm>
- <http://www.jobcentreonline.com/>
- <http://europa.eu.int/eures/index.jsp>