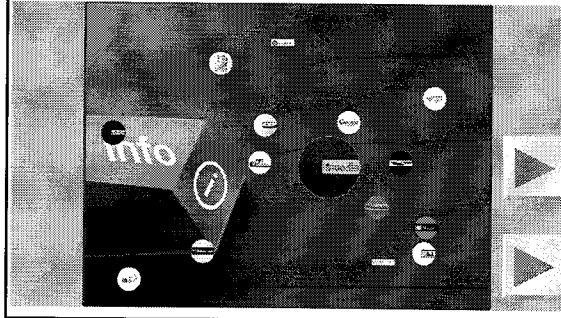


E-Learning Trends and Developments: Ten World of Learning Flatteners and Beyond

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President, SurveyShare
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<http://php.indiana.edu/~cjbonk>



<http://ella.slis.indiana.edu/~aenkim/iconping.html>

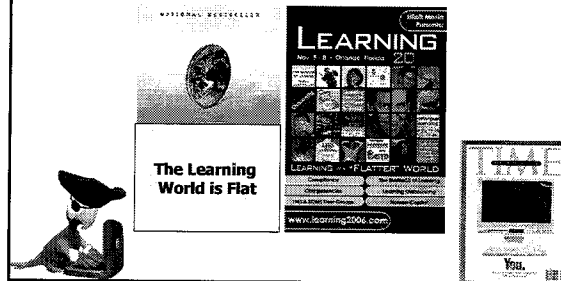


The Ten Forces that Flattened the World

1. 11/9/89: Berlin Wall came down
2. 8/9/95: Netscape went public
3. Work Flow Software (e.g., PayPal and eBay)
4. Open-Sourcing (Self organizing collaborative communities; Mosaic, Apache, Wikipedia, Linux, Mozilla/Firefox,)
5. Outsourcing (Y2K)
6. Offshoring (e.g., China, Mexico, Thailand)
7. Supply-Chaining (e.g., Walmart)
8. Insourcing (UPS fixing Toshiba laptops)
9. In-forming (e.g., Google, Yahoo!, MSN Web Search)
10. The Steroids: Digital, Mobile, Personal, and Virtual (e.g., wireless, file sharing, VoIP, video camera in phone)



The Learning World has become Flat!

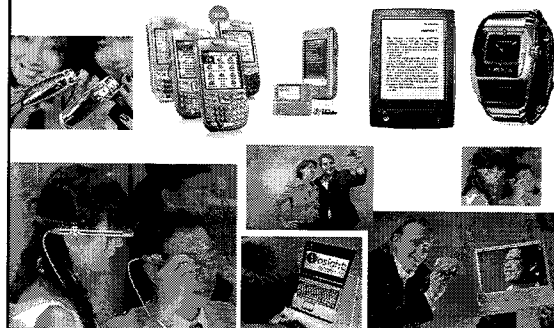


The Ten Forces that Flattened the Learning World

1. Tools for Searching/Finding Media and Information Resources
2. Availability of Quality Online and Blended Learning Environments
3. Free and Open Source Software for Learning
4. Open CourseWare
5. Online Learning Object Repositories and Portals
6. Virtual Collaboration Software
7. Online Massive Gaming, Simulations, and Virtual Worlds
8. Learning Mobility and Portability
9. Personalized Learning Tools
10. Open Information Communities

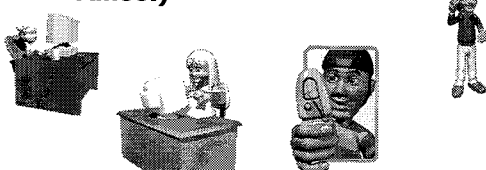


Ten Learning Technology Flatteners

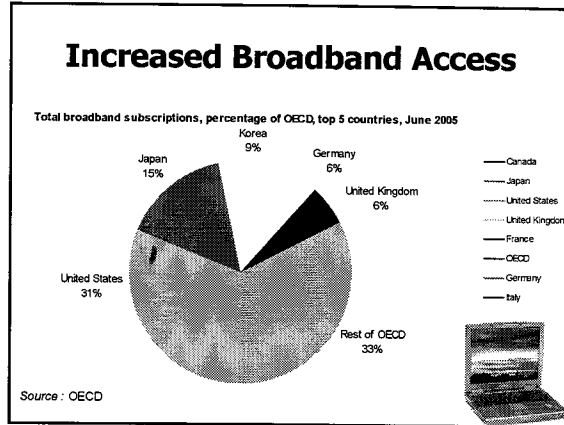


The Ten Forces that Flattened the World

1. Tools for Searching/Finding Media and Information Resources: (e.g., Google, Yahoo!)



The Learning World is Flat



Singapore and Taipei (Intel Press Release, 2006)

- Singapore, the island city-state in Southeast Asia, is about to complete a major new public/private project that will see large chunks of the 270 square mile city provided with Wi-Fi access by the end of 2008. The entire city, indoors and out, is due to be covered by 2015.
- In the coldest capital in Canada, the city residents of Iqaluit (pop. 6,000) enjoy free wireless from one free hotspot (with two more due soon to cover the suburbs), while Taipei, Taiwan (pop. 2.6 million) has a few more—over 4,000 hotspots that provide coverage for 90 percent of the city.

Google Print Project



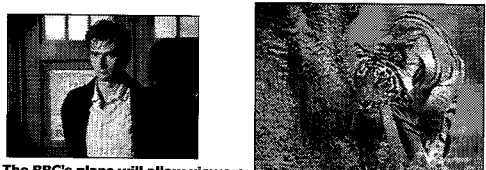
Google Print Project

Search for books

Google Print project inspires fans, fear

The complete plays of Shakespeare. Now at your fingertips.

BBC's download plans get backing, BBC News, January 31, 2007



The BBC's plans will allow viewers to download shows like Doctor Who

Programmes like Planet Earth could be available for longer

1.4m people downloaded Beethoven's symphonies from the

The Ten Forces that Flattened the World

2. The Availability of Quality Online and Blended Learning Environments



The Learning World is Flat

More than 70 Million Adults Want to Head Back to School

August 22, 2006, Yahoo News
Report: "Degrees of Opportunity" from Capella University

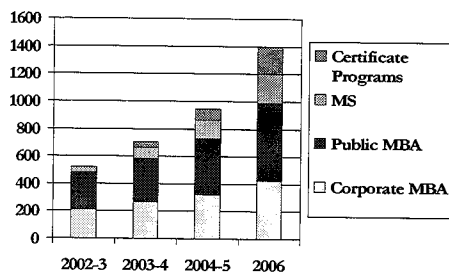
- **Degrees of Opportunity, a new national study of the attitudes of adult Americans toward continuing their education, indicates that more than half of American adults age 25 to 60 would like to pursue additional education -- the equivalent of more than 70 million adult Americans.**

China has seen a huge rise in internet users
BBC, January 24, 2007

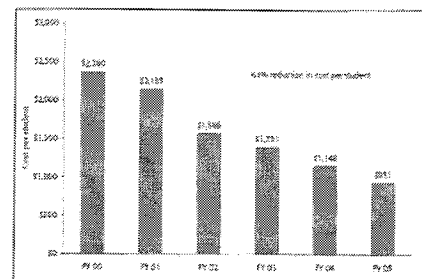


- **China had 137m internet users by the end of 2006, an increase of 23% from the year before, the centre reported.**
- **This figure means that more than 10% of the population is now online.**
- **About 210 million of America's 300 million people now use the internet, according to US government figures.**
- **China will only surpass this number if it keeps up a 24% annual growth rate in the next two years.**

Growth in Student Enrollments



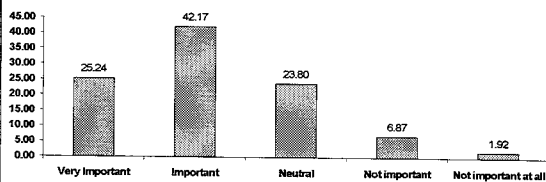
Defense Acquisition University Shaping a Culture of Career-Long Learning



Cost Per Student

54% of participants in Taiwan regarded BL is important or very important. This is lower than China (65%), the US (68%), Korea (68%), and the UK (75%).

27. How important is blended learning for the strategic planning for training and development in your organization for the next few years?



The Ten Forces that Flattened the World
3. Free and Open Source Software for Learning

The Learning World is Flat



The Success of Open Source:
 A Subject for UC Berkeley Researcher
 By Paula Murphy, TLtC Assoc. Director, Dec 2004
<http://www.uctltc.org/news/2004/12/weber.php>

"If you are going to try to scale production systems to non-friendly, non-kinship groups, you have to have some sort of governance," explains Weber. "For example, I would not put my lecture notes on the web because I feel strangely about people I don't know benefiting from my work without them giving anything in return."



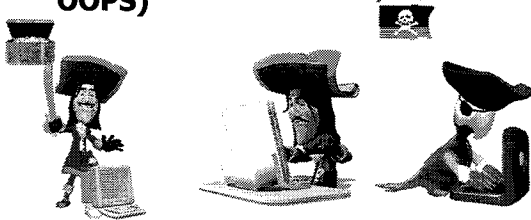
Free and Open Source Software

OpenSource Courseware Moodle and Sakai Project

Open Source Tools

The Ten Forces that Flattened the World


4. Open CourseWare (MIT OCW, Utah State, Japan, CORE, OOPS)



Open CourseWare Tufts OpenCourseWare Project

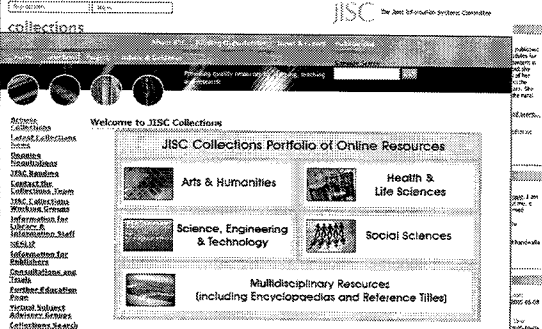
The Ten Forces that Flattened the World

5. Online Learning Object Repositories and Portals (shared content)



The Learning World is Flat

Learning Object Repositories



JISC The Joint Information Systems Committee

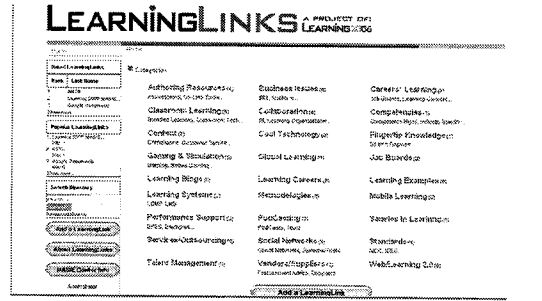
Welcome to JISC Collections

JISC Collections Portfolio of Online Resources

- Arts & Humanities
- Health & Life Sciences
- Science, Engineering & Technology
- Social Sciences
- Multidisciplinary Resources (including Encyclopaedias and Reference Titles)

Portals for Corporate Training

LEARNINGLINKS



LEARNINGLINKS

Authoring Resources

Classroom Experiences

Corporate Learning Tools

Distance Learning

Learning Objects

Learning Systems

Performance Support

Service and Consulting

Talent Management

Established Resources

Cultural and Social

Business Operations

Global Technology

Global Learning

Learning Careers

Metacognition

Productivity

Social Networks

Standards

Web Learning

Careers Learning

Complexity

Enterprise Knowledge

Use Based

Learning Examples

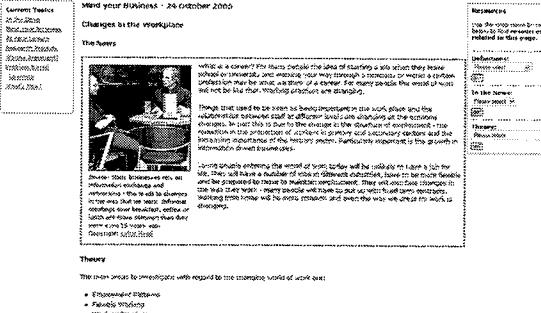
Mobile Learning

Yearning to Learn

Standards

Web Learning

Community of Learners: Medical and Business Cases Online (cases community)



Mind your Business - 24 October 2006

Changes to the workplace

The issues

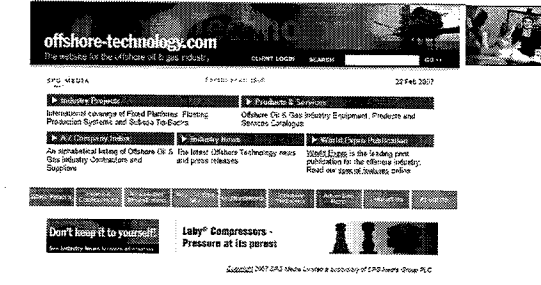
While it is a common phrase to describe the idea of starting a site which they believe should be a valuable and essential tool for learning, it is not a phrase that can be used to describe a site which is not a learning object repository. The phrase 'learning object repository' is a term that is used to describe a site which is not a learning object repository. The phrase 'learning object repository' is a term that is used to describe a site which is not a learning object repository.

Theory

The main areas to investigate will appear to be the following:

- Employment of Employees
- Financial Performance
- Productivity

Free Portals on Oil and Gas Industry



offshore-technology.com

The website for the Oil and Gas Industry

CLINTON LOCKER SCARSON

22 Feb 2007

Includes: Equipment, Products & Services

Oilfield Services, Publications

Labby Compressors - Pressure at its peak

The Ten Forces that Flattened the World

6. Virtual Collaboration Software (async and sync)



The Learning World is Flat

TEAMWORK

