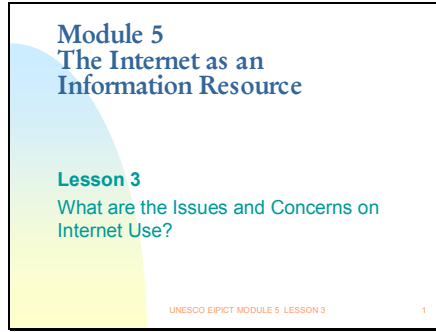


### Lesson 3. What are the Issues and Concerns about Internet Use?

Slide 1



Module 5  
The Internet as an  
Information Resource

Lesson 3  
What are the Issues and Concerns on  
Internet Use?

UNESCO EIPICT MODULE 5 LESSON 3 1

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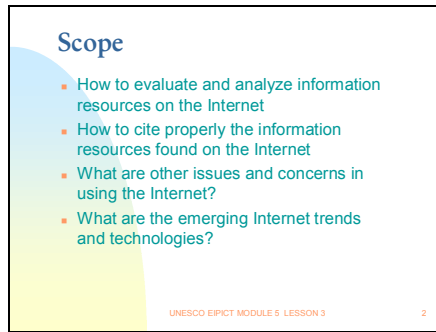
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Slide 2



Scope

- How to evaluate and analyze information resources on the Internet
- How to cite properly the information resources found on the Internet
- What are other issues and concerns in using the Internet?
- What are the emerging Internet trends and technologies?

UNESCO EIPICT MODULE 5 LESSON 3 2

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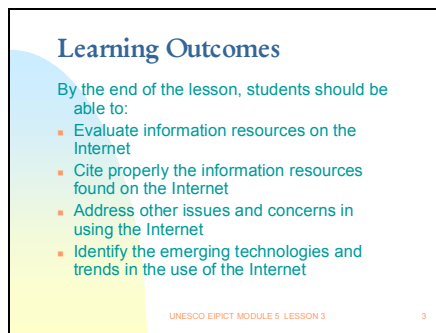
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Slide 3



Learning Outcomes

By the end of the lesson, students should be able to:

- Evaluate information resources on the Internet
- Cite properly the information resources found on the Internet
- Address other issues and concerns in using the Internet
- Identify the emerging technologies and trends in the use of the Internet

UNESCO EIPICT MODULE 5 LESSON 3 3

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Slide 4

**How to Evaluate Web Pages**

- One must develop skills to evaluate information found on the Internet for the following reasons:
  - Unlike with printed documents, the quality of information on the Internet cannot be guaranteed
  - Almost anyone can publish on the Web
  - Little editorial review process
  - Anonymity often makes it difficult to determine authorship
  - Information frequently is not dated, and if dated it is not necessarily very recent

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Slide 5

 **Activity 5.3.1**

Read these articles:

- Evaluating Web Pages: Techniques to Apply and Questions to Ask  
[www.lib.berkeley.edu/TeachingLib/Guides/Internet/Evaluate.html](http://www.lib.berkeley.edu/TeachingLib/Guides/Internet/Evaluate.html)
- Critical Evaluation of Resources  
<http://www.lib.berkeley.edu/TeachingLib/Guides/Evaluation.html>
- Cornell University Library. Evaluating Web Sites: Criteria and Tools  
<http://www.library.cornell.edu/olinuris/ref/research/webeval.html>

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Slide 6

**What are the Issues and Concerns in Internet Use?**

- Intellectual Property Rights
- Civil Liberties
- Cybercrimes

UNESCO EIPICT MODULE 5 LESSON 3 6

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Slide 7

**Intellectual Property Rights**

- Plagiarism – using somebody else’s work and claiming it as your own
- Copyright law – protection of the author’s original work
- Fair use – reproduction of materials for educational and research purposes
- Software piracy – theft and illegal reproduction of software
- File swapping – exchange of digital materials like audio and video over the Net without the owner’s permission

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Slide 8

 **Activity 5.3.2**

Browse the articles on these links:

- American Library Association. Links to Washington Office Issues  
<http://www.ala.org/ala/washoff/Oissues/issues.htm>
- Copyright, Intellectual Property Rights, and Licensing Issues  
<http://sunsite.berkeley.edu/Copyright/>
- International Federation of Library Associations and Institutions. 2004. Information Policy: Copyright and Intellectual Property  
<http://www.ifla.org/ll/copyright.htm>

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Slide 9

**Civil Liberties**

- Issues regarding the rights of an individual
  - Freedom of speech
  - Personal privacy and records confidentiality
  - Censorship

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Slide 10

**Cybercrimes**

- Computer-facilitated crimes
  - Hacking / Cracking
  - Denial of service
  - Internet Fraud
  - Spamming
  - Flaming
  - Identity theft
  - Child prostitution /pornography

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Slide 11

 **Activity 5.3.3**

Read these articles:

- Librarians' Internet Index  
<http://li.org/pub/subtopic4066>
- AllLaw.com. Legal Topic Index - Computers and Technology  
[http://www.alllaw.com/legal\\_topic\\_index/computers\\_and\\_technology\\_links/](http://www.alllaw.com/legal_topic_index/computers_and_technology_links/)
- Bernard Hibbitts. 2004. JURIST: The Legal Education Network - Cyberspace Law  
[http://www.jurist.law.pitt.edu/sg\\_cyb.htm](http://www.jurist.law.pitt.edu/sg_cyb.htm)
- SANS Top 20 Internet Security Vulnerabilities  
<http://www.sans.org/top20/index1.php>

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Slide 12

**What are other Issues and Concerns in Internet Use?**

- Economic Issues
- Social Issues
- Medical Issues
- Multilingualism
- Accessibility issues with regards to the physically handicapped
- Others

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Slide 13

**What are other Issues and Concerns in Internet Use? (2)**

- Not all the information is available or accessible on the Internet
- Information on the Internet is not permanent; it may be revised, edited, deleted, moved to a new directory, or the file name changed
- Management of electronic resources
- Adherence to Internet / Web / industry standards

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Slide 14

 **Activity 5.3.4**

Read these articles:

- DigitalDivide.org <http://www.digitaldivide.org/>
- Web Accessibility Initiative (WAI) <http://www.w3.org/WAI/>
- UNESCO : Multilingualism in Cyberspace <http://www.unesco.org/webworld/multilingualism>
- William L. Manning. 1997. Telemedicine and Health Care Informatics Legal Issues <http://www.netresch.org/~wmanning/telmedov.htm>
- Preservation Resources <http://sunsite.berkeley.edu/Preservation/>
- Kenneth Thibodeau. Preservation and Migration of Electronic Records: The State of the Issue <http://www.archives.gov/era/papers/preservation.html>

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Slide 15

**What are the Emerging Internet Technologies?**

- Continuous expansion of the Internet
  - Internet 2
  - Next Generation Internet
- Increase in computational power of next generation computer systems – quantum and molecular computers
- Unprecedented increase of storage space

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Slide 16

**What are the Emerging Internet Technologies? (2)**

- Ubiquitous connections, wireless, handheld and wearable devices, Internet appliance etc.
- P2P networks, clustering and distributed computing
- Enhanced human interface: voice activation and sensory capabilities

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Slide 17

**What are the Emerging Internet Applications/Services?**

- More business transactions on the Internet: E-commerce, B2B
- Virtual environments, communities and services, and other social networks, e.g. Blogs, Flickr, Wikis
- Active role of Internet in education and research – e-learning, virtual libraries, digital libraries, etc.

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Slide 18

**What are the Emerging Internet Applications/Services? (2)**

- Proliferation of dynamic and multimedia services
- Open source software
- Free access to scholarly electronic resources (Open Access Journals)

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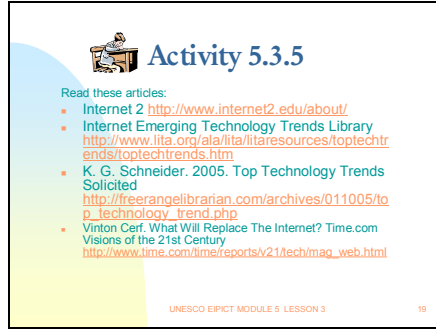
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Slide 19



**Activity 5.3.5**

Read these articles:

- Internet 2 <http://www.internet2.edu/about/>
- Internet Emerging Technology Trends Library [http://www.lita.org/ala/lita/litaresources/top\\_tech\\_trends/top\\_tech\\_trends.htm](http://www.lita.org/ala/lita/litaresources/top_tech_trends/top_tech_trends.htm)
- K. G. Schneider. 2005. Top Technology Trends Solicited [http://freerangelibrarian.com/archives/011005/top\\_tech\\_trend.php](http://freerangelibrarian.com/archives/011005/top_tech_trend.php)
- Vinton Cerf. What Will Replace The Internet? Time.com Visions of the 21st Century [http://www.time.com/time/reports/v21/tech/mag\\_web.html](http://www.time.com/time/reports/v21/tech/mag_web.html)

UNESCO EIPICT MODULE 5 LESSON 3 19

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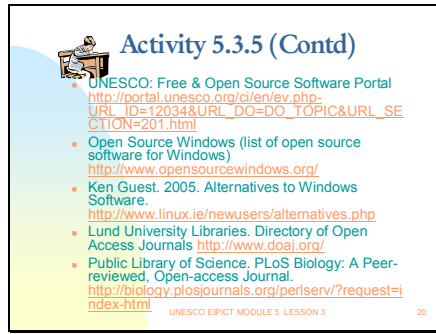
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Slide 20



**Activity 5.3.5 (Contd)**

- UNESCO: Free & Open Source Software Portal [http://portal.unesco.org/ci/en/ev.php-URL\\_ID=12034&URL\\_DO=DO\\_TOPIC&URL\\_SECTION=201.html](http://portal.unesco.org/ci/en/ev.php-URL_ID=12034&URL_DO=DO_TOPIC&URL_SECTION=201.html)
- Open Source Windows (list of open source software for Windows) <http://www.opensourcewindows.org/>
- Ken Guest. 2005. Alternatives to Windows Software. <http://www.linux.ie/newusers/alternatives.php>
- Lund University Libraries. Directory of Open Access Journals <http://www.doaj.org/>
- Public Library of Science. PLoS Biology: A Peer-reviewed, Open-access Journal. <http://biology.plosjournals.org/perlserv/?request=index-html>

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**End of Lesson 3 Module 5**