

WORKING WITH THE INTERNET AND THE WORLD WIDE WEB: INFORMATION TECHNOLOGY SKILLS FOR UPPER PRIMARY AND STAGE 3 STUDENTS

Website resources

online.curriculum.edu.au/anr2001/ch9_state.htm

www.mceetya.edu.au/verve/_resources/ict_assessment_domain_file.pdf

www.sofweb.vic.edu.au/internet/index.htm

www.bbc.co.uk/webwise/

www.internet4classrooms.com/on-line.htm

www.actden.com

www.teach-nology.com/web_tools/graphic_org/kwl/.

TEACHER RESOURCES

Learning Management Systems

A Learning Management System (LMS) is a software application or web-based technology that supports the management of learning. Typically, a LMS provides practitioners with a way to upload, create and deliver content, to monitor student participation and to assess student performance. A useful reference can be found at http://community.flexiblelearning.net.au/TeachingTrainingLearners/content/article_4840.htm.

Consider adding the activities in this unit to your LMS or student intranet.

Activities

Howard Gardner's 'Multiple Intelligence' continued.

Logic and mathematics

- Ask students to conduct a survey of internet usage at home (for example, detailing hours spent, sites visited and bookmarked, use of email etc.) using a Microsoft Excel spreadsheet.
- Instruct students to email the results to you as an attachment.
- Tabulate and graph the data gathered and present the results in class.

Intrapersonal learning

- Ask students to 'brainstorm' about the rights and responsibilities of authors on the World Wide Web. They could make a slide show presentation and present it to the class.
- Encourage a 'buddy' system between students who are 'information literate' and those who are lacking in these skills. Arrange a lunch time 'computer corner' for those students who do not have access to the internet at home.

Linguistic learning

- Hold a classroom debate 'that internet usage is harmful to literacy development', using examples from 'E-Books' as part of the debate: www.literature.org/authors/baum-l-frank/. Edward De Bono's 'Six Thinking Hats' analysis could be used in the thinking process: www.edwdebono.com

Musical learning

- Students could create and perform a rap musical performance that warns of the dangers of spam and viruses, over the internet. The song could be made into an MP3 file and uploaded to the Learning Management System or intranet.

Intrapersonal learners

- Students could brainstorm the rights and responsibilities of authors on the World Wide Web. Gather all the results and present to the whole class as a slide show or PowerPoint presentation on behalf of a publishing company.

HOMEWORK PROJECTS FOR STUDENTS AND THEIR FAMILIES

Website resources

- Consult these terrific online resources to learn more about the internet and the world wide web:

www.bbc.co.uk/webwise/course/coursemenu.shtml

www.usyd.edu.au/su/allenunwin/www/wstart.htm

www.w3.org/People/Berners-Lee/Kids.html

Research project suitable for Gifted and Talented students

- Who is Tim Berners-Lee? What importance did he have to the development of the internet? Hint: do a Google search (www.google.com) for **Tim Berners-Lee**. The link www.w3.org/People/Berners-Lee/Kids.html will also help.

Private study

- Many organisations create websites to promote their goals; for example, a business might create a website to help it sell its products. (Ask your parents to help you find some examples of such websites.) Can you think of some of the problems that an organisation might have if it creates a website? Consider the following:
 - copyright (ownership of information on the website)
 - security (for example, some users might attempt to extract private information from the website)
 - computer viruses, worms, Trojans and spam.