

Educational Technology

Camtasia Screencast Lecture
will provide
information to augment
Unit 1 – Chapter 2

Print Out the [Study Guide PP](#) for taking notes!
Use Pause & Play [along with](#) Table of Contents!
Web sites are provided for further investigation!

Internet (Networks)

[Email](#) Messages & Attachments ([Internet => Networks!](#))
[WWW](#) most popular & used part of Internet!
[FTP](#) * Downloads & Uploads [Music & Movies](#)
[@ Synchronous](#) Communication: (Same Time!)
Social Networks, Online Games... (M, S, F, P)
[@ Asynchronous](#) Communication: ([Email](#) & [WWW](#))
Listserv, News Group, Blogs, Casts... (F, T, S, \$)
<http://www.learnthenet.com/english/html/00start.html>

21st Century Skills

What are 21st Century Skills? [Content & Technology](#)
[Teachers need 21st Century Skills...](#) [NETS-T](#)
Communication, Collaboration, CT/PS, Creativity,
Innovation, Self/Life Learners, Multi-Literacy...
[Students need 21st Century Skills...](#) [NETS-S](#)
Communication, Collaboration, CT/PS, Creativity,
Innovation, Self/Life Learners, Multi-Literacy...
Today is an age of [Communication & Interactivity!](#)

Email Status...

Email communication is on the decline... [US Mail?](#)

[Blogs, Casts, Wikis, Social Networks, Folksonomy...](#)

Use Email to [delivery](#) 21st Century lessons...

[WESGs](#) or [Web Pages](#) as attached assignments...

Attachments: Single & Multiple => Text & Images...

Address Book => Contacts & Mailing List ([Listserv](#))

Manage Email: When to view & How to organize....

<http://www.learnthenet.com/ENGLISH/section/email.html>

World Wide Web

What is the World Wide Web? WWW => [Web 2.0](#)

Web 2.0 = [Collaborative, Sharing, Interactivity...](#)

[WWW](#) Collection of [Web Pages](#) with Hyperlinks

[Web Page](#): Background, Rtext, Htext, Images, Hlinks...

Uniform Resource Locator (URL): [Web Address...](#)

WWW Browser: [Explorer](#), [Firefox](#), [Safari](#), [Opera...](#)

[ISPs](#) (:) Dial-Up, DSL, Broadband, Wireless, etc...

<http://www.learnthenet.com/ENGLISH/section/www.html>

Educational SW

What is Educational Software? [CCV Resources](#)

[Curriculum, Production, Hypermedia, Digital Media...](#)

Curriculum: [In Class SW](#) and [On Line SW \(Free or \\$\\$\\$\)](#)...

Production: [MS Office Basics](#) and [Beyond...](#) [Jeopardy!](#)

Hypermedia: [Web Pages](#), [WESGs](#), PDF, MSO Files...

Digital Media: [Audio, Video, Blogs, Casts, Wikis,](#)

[Social Networks, References, Games, etc...](#)

Investigate: <http://its.leesummit.k12.mo.us/digitalmedia.htm>

Educational HW

What is Educational Hardware? [ER Resources](#)

PC, Scanner, DCs, Flash Drive, iPod/MP3, PDA/BB...

Personal Computer: DT, Laptop, Tablet, [Blackberry](#)...

Flatbed Scanner: Images & Text scanning... \$100

Digital: Camera/Camcorder/Web Cam: [Google Search!](#)

Flash Drive(s): Storage R/W & USB Ports... \$10

iPod/MP3 Players: Standard/Video => Relax/Learn...

Click [Hardware](#) to Investigate: <http://www.edresources.com>

Media Formats

What are Media Formats? [Media Storage!](#)

Images: [BMP](#), [GIF](#), [JPEG \(JPG\)](#)...

Audio: [WAV](#), [MIDI](#), [MP3 \(MPEG\)](#)...

Video: [AVI](#), [MOV](#), [MPEG](#), [WMV](#), [Flash \(swf\)](#)...

MSO: [docx\(3/7\)](#), [xlsx\(3/7\)](#), [mdb\(3\)](#), [pptx\(3/7\)](#)

Web Page: [htm \(3\)](#), [mht \(7\)](#)... Many other formats...

PDF: [Portable Document Format \(AAReader\)!](#)

Investigate: <http://www.w3schools.com/media/default.asp>

Browser Plugins?

Acrobat Reader ([PDF](#)) Portable Document Format...

Windows ([WinZip](#)) & Macintosh ([Stuffit](#))

Windows Media Player: [Streaming](#) of A, V, A, MM...

Quick Time: Audio, Video, VR and Graphics...

Shockwave & Flash Player: Animations - Movies...

JAVA: [Sun Java](#): - Java Runtime Environment...

Real Player: [Streaming](#) Real Audio & Real Video... (?)

<http://www.utexas.edu/academic/blackboard/answers/plugins.html>

What are PLEs?

PLEs are Personal Learning Environments!

Immersive learning focusing on self-learning and multi-application for personal achievement!

Individual vs. Institutional centered learning...

Learning experiences => Formal & Informal...

Interactivity within or among other PLEs...

Independent, Diversified, Adaptive, [Folksonomy](#)...

http://en.wikipedia.org/wiki/History_of_personal_learning_environments

MS Office (WWW)

Production skills for 21st Century... **800 lb Gorilla!**

Word, Excel, Access, PowerPoint... ([Facebook](#))

Use MSO [interactive applications](#) into lessons!

[Word Processing](#)... Wikis, Blogs, Casts, [WESGs](#)...

[Spreadsheet](#)... [Data Driven](#) & Analysis & Charts...

[Database](#)... Organization & Reports (Summarize)...

[Presentation](#)... Off & On Line Communication...

[Various Versions \(07, 03, XP, 00\) of MS Office Tutorials](#)

Conclusion * Unit 1/Chpt2

Internet Components & 21st Century Skills

Status of Email & World Wide Web (Web 2.0)

Educational Software & Educational Hardware

Media Formats & Browser Plugins

PLEs: Future Self Learning & MS Office Interactivity

Special Feature: [Search Tools & Techniques!](#)
