

## Lesson Two : Become a URL Detective

---

**Lesson Overview:** In this lesson students will learn all about URL's and how to decode them.

**Resources or Materials Needed:**

- Internet ready computers. The lesson is based on Microsoft Internet Explorer.
- interactive whiteboard and projector
- Matching Assignment Worksheet
- URL Detective Work Assignment

**Lesson Objective:** This is the second lesson in a series that will achieve performance objective number one, "Given a multiple choice test using questions designed to test the student's knowledge of basic Internet concepts and ability to perform key tasks associated with the Internet, for example what the Internet is, what a browser is, what a search engine does, how to bookmark a website, how to download files and images, what a U.R.L. is, how copyright law works and how to include citations. Students will need to score at least 80% to meet the standard required and earn their Internet Driving Permit".

**Time:** Approximately one hour

**Preinstructional activities:** Quick recap of what students learned about in the last lesson – what the Internet is and how fast it has grown since 1991. Explain that this lesson will teach students all about URLs, i.e. website addresses, and what they mean.

**Content Presentation:** Using the interactive whiteboard and a suitable website, for example the school website, the teacher will explain the three components of a URL – the protocol, domain name and suffix and what the significance of each is, The teacher will explain that decoding URL's requires a little detective work and that it is important to know that you can truncate a URL if a link is broken or if you don't recognize the entity and are trying to find out if it is legitimate.

## Lesson Two cont.

---

With the teacher acting as facilitator to elicit contributions from the students, review the following websites:

**Site No.1** <http://www.nytimes.com/2010/04/28/world/americas/28haiti.html?ref=world>

**Ask** the students what they can tell about the site

- .com – commercial organization
- NYTimes – New York Times
- www – world wide web
- html – hypertext language
- date of story, subject, part of the newspaper it is from

**Tip:** Truncate the URL to get to the home page and see today's headlines, search for other stories about Haiti.

**Site No. 2** <http://www.fema.gov/kids/tsunami.htm>

**Ask** the students what they can tell about the site from the URL

- .gov – government organization
- FEMA – organization that created the site
- Kids – designed for children to use
- Tsunami – it's all about tsunami's
- Html – hyper text markup language
- 

**Tip:** Truncate the URL to get to the home page and see what other cool stuff there is.

**Site No. 3** <http://futurestudents.wsu.edu/why/>

## Lesson Two cont.

---

**Site No. 4** <http://www.greenpeace.org/usa/campaigns/global-warming-and-energy>

**Ask** the students what they can tell about the website from the URL

- Greenpeace – nonprofit that made the site
- USA – American branch of Greenpeace
- Campaigns – part of campaigns section
- Global warming – subject of webpage

**Tip:** Truncate the URL to <http://www.greenpeace.org/usa/campaigns> to see what other campaigns there are.

**Site No. 5** <http://www.onr.navy.mil/focus/ocean/motion/waves3.htm>

Ask the students what they can tell about the website from the URL

- ONR – department of navy that hosts the site
- Navy – branch of the military
- Mil – military organization
- Focus – what the website is about
- Ocean – topic of the webpage
- Motion & waves3 – sub topics
- .htm – html page

**Learner Participation:** The students will participate in the content presentation part of this lesson. The teacher should take care to make sure that all students are called upon.

**Assessment:** Learning will be assessed by a matching activity which should be copied and distributed to the students. The matching activity, Lesson 2 Matching Assignment is included in the list of materials for this unit.