



Republic of the Philippines  
**Department of Education**  
REGION III  
**SCHOOLS DIVISION OFFICE OF NUEVA ECIJA**

LEARNING ACTIVITY SHEET  
SPECIAL PROGRAM IN ICT 7  
OFFICE PRODUCTIVITY 7  
First Quarter, Week 11

Name \_\_\_\_\_ of \_\_\_\_\_ Learner: \_\_\_\_\_ Date: \_\_\_\_\_

\_\_\_\_\_ Grade Level

/Section: \_\_\_\_\_

## Web Browsers

### BACKGROUND INFORMATION FOR LEARNERS

Launching the browser is just like starting up any software. However, it must be connected to the internet first before it can access. The web page that appears on browser window when first log on to the internet is called *home page*.

#### THE WEB BROWSER

Web browsers are intended to be run on different operating systems with different features. It is a computer program that enables to view web pages and access the Internet. Web browser has a graphical control element that displays the current URL called the *location bar or address bar* or the *URL bar*. Navigating to a chosen website can be done by simply typing the URL into the bar.

#### Getting Connected

**Hyperlink** – ability to go or jump to another page by just clicking a text or images that works as a link.

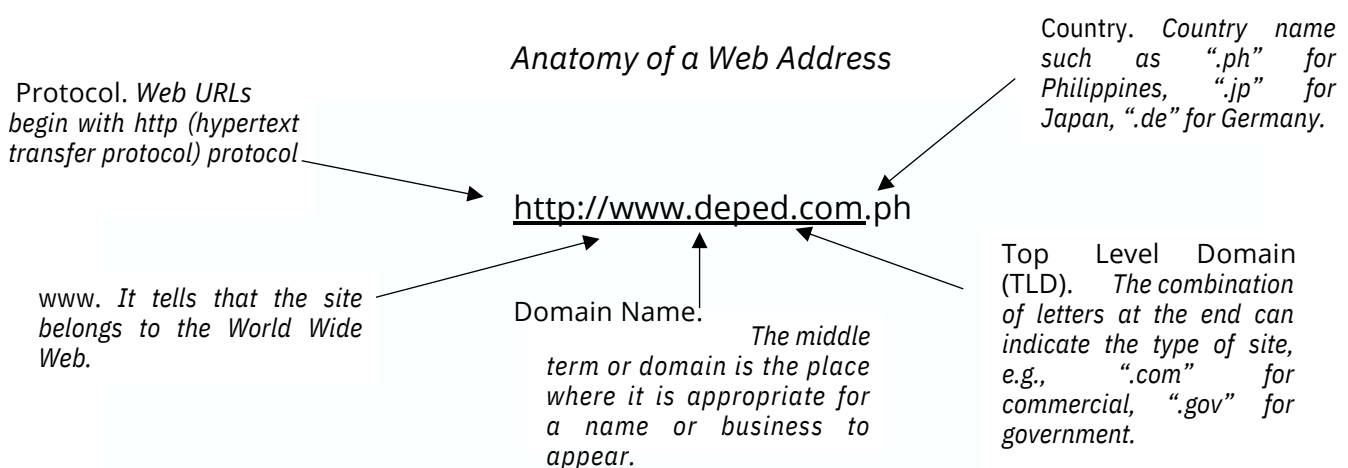
**Website** – a collection of web pages connected on the Web, which gives information about organizations, schools, government agency, company, hospitals, etc.

**Web Page** – an e-document on World Wide Web, which include text, graphics, sounds, and video.

A unique address of a Web page that assist to display any Web page is *Uniform Resource Locator (URL)* and all URLs begin with *http*. A URL is a complete *Web address* used to find a particular web page.

It contains domain name as well as other components required to locate a particular page or part of content.

**Domain name** is the name of the website.





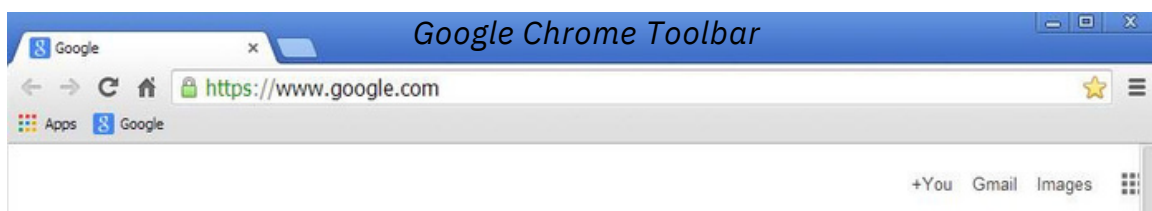
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### GOOGLE CHROME

Google Chrome is a Microsoft Windows freeware web browser introduced in September 2008 by Google.

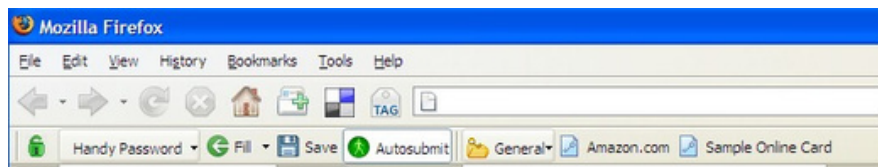
Google is best recognized for its web search engine and Google Chrome become the most popular web browser available outperforming Internet Explorer of Microsoft and Safari products of Apple as well as Firefox and other third party browsers.



### MOZILLA FIREFOX

The Mozilla community members who desired a stand-alone browser rather than the Mozilla Application Suite bundle created Firefox in 2002 under the codename *Phoenix*. Mozilla Firefox or simply Firefox is a free and open-source web browser introduced in 2004 and is available for Windows, Linux, MacOS, and BSD operating systems.

#### *Mozilla Firefox Toolbar*



### MOSAIC

Mosaic, the *First Global Web Browser*, was introduced as a freeware application that popularized the World Wide Web and the Internet.

It was established beginning in late 1992 at the National Center for Supercomputing Applications (NCSA), University of Illinois Urbana-Champaign. NCSA released Mosaic in 1993 and formally withdrawn development and support on January 7, 1997.

Browsers like Google Chrome, Internet Explorer, and Mozilla Firefox have incorporated some of the graphical features and interactive characteristics of the Mosaic graphical browser.

#### *Mosaic Toolbar*



<http://www.ncsa.illinois.edu/enabling/mosaic>



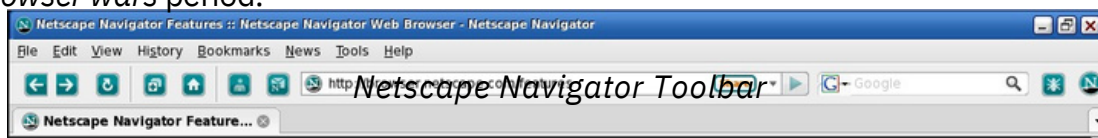
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## NETSCAPE NAVIGATOR

Netscape Navigator, the first commercially successful Web browser, was established and led by Marc Andreessen's team, a programmer who also co-authored the code for Mosaic. Netscape Navigator facilitated the development of the Web based on a graphical user experience rather than merely text based leading the advantage of innovation in 1990's web browsing.

Regardless of its technical lead and primary domination in the market, Microsoft crushed Netscape during *browser wars* period.



<http://dadasoftwares.blogspot.com/2012/04/netscape-navigator-9005-mediafire-links.html>

## INTERNET EXPLORER

Internet Explorer, abbreviated as *IE* or *MSIE*, is a free web browser application formed in 1995 by Microsoft and intended as response to the first graphical browser of Netscape Navigator.

Bill Gates rumored downloaded the Netscape's browser and spent entire night using it. He strategized IE to be Internet-focused, giving away to be browser free, crushing Netscape, and making Internet Explorer as leading browser in the late 90s.

While Netscape is no longer around, codebase as evolved into Mozilla's Firefox, and there continues to be massive competition from Google (Chrome), Apple (Safari) among others.

### Internet Explorer Toolbar



## LEARNING COMPETENCY

To familiarize on different web browsers.

## ACTIVITIES

### ACTIVITY 1

*Directions:* Identify the web browser being described in each number. Write the answer on the space provided for.

\_\_\_\_\_ 1. It was the first commercially successful Web browser but crushed by Microsoft during *browser wars* period.



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\_\_\_\_\_2. It is a free and open-source web browser announced in 2004 and is available for Windows, Linux, MacOS, and BSD operating systems.

\_\_\_\_\_3. A free web browser application designed by Microsoft and intended as response to the first geographical browser of Netscape Navigator.

\_\_\_\_\_4. A web browser best recognized for its web search engine outpacing Microsoft's Internet Explorer and Apple's Safari products as well as Firefox and other third party browsers.

\_\_\_\_\_5. It is the First Global Web Browser established in the beginning of late 1992 at University of Illinois Urbana-Champaign and officially withdrawn development and support on January 7, 1997.

## ACTIVITY 2

### Instructions:

1. Name some browsers that are not mention in the lesson.
2. Make PowerPoint Presentation of those browsers containing information such as developers, initial release date, status, features etc.
3. Create a timeline of the *most* used browser to the *least*.
4. Send your output to your teacher's account.

### RUBRICS FOR POWERPOINT PRESENTATION

DIMENSION	SKILLED 4	MODERATELY UN SKILLED 3 2	UNSKILLED	NO ATTEMPT 1	SCORE
Use of Time	Student uses their time to of work work productively and efficiently.	Student uses most their time to work productively and	Student uses some of their time to work productively and efficiently.	Student does not use some their time to work productively and efficiently. Student is frequently off task.	
Picture/Graphics	Pictures and graphics are clear and relevant.	Most pictures and graphics are clear and relevant.	Few pictures and graphics are clear and relevant.	Pictures and graphics are not clear and relevant.	
Require d Element s	All of the required elements are clearly visible, organized, and well placed.	Most of the required elements are clearly visible, organized, and well placed.	Few of the required elements are clearly visible, organized, and well placed.	Missing most or all of the required elements.	
Visual Clarity and Appeal	Presentation has an excellent design and layout. It is neat and easy to understand the content.	Presentation has layout. It is neat	Presentation needs improvement in design, layout and neatness.	Presentation needs significant improvement in design, layout and neatness.	



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Content , Spelling, Grammar, and Punctuation	Presentation has excellent spelling, grammar, punctuation, and original content.	Presentation has 1-2 spelling, grammar, and punctuation errors with original content.	Presentation has 3-5 spelling, grammar, and punctuation errors with original content.	Presentation has multiple spelling, grammar, and punctuation errors. Some content is copy and paste or plagiarized.	
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## REFLECTION

Why are web browsers important in accessing and viewing websites?

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## REFERENCES FOR LEARNERS

- <http://www.bestinternetbrowser.com/review/comparison-history>  
<https://www.mozilla.org/en-US/firefox/browsers/compare/>  
<https://www.techopedia.com/definition/288/web-browser>

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