Welcome to Windows 7

Lesson 6: Using the Internet

[Return to the Welcome to Windows 7 web page](#)

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Using the Internet

■ In this lesson, you will:

▲ Use a World Wide Web address to surf directly to a website

▲ Identify the main components of a web address

▲ Use Internet Explorer to browse the web

▲ Create a favorite with Internet Explorer

▲ Perform a basic Google search on a specific topic

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The World Wide Web

- The most dominant segment of the Internet is the World Wide Web (WWW), or "the web"
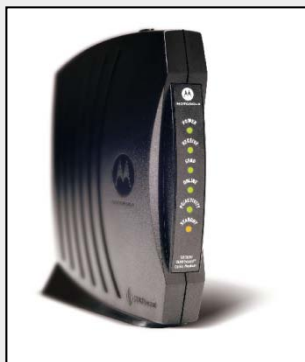

Web pages can have colorful graphics

You click "links" to jump to other pages

TIP! *The web is only one of many technological pieces that make up the Internet.*

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Equipment Used to Connect

- Dial-up modems

- High-speed modems

- Routers

- Wireless routers
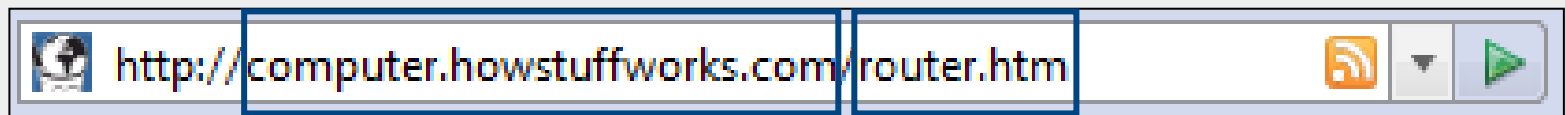
- Internet Service Providers (ISPs)

High speed modem

Dial-up modem connection

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Connection Types

- Connection to the Internet is made possible through an Internet Service Provider (ISP)

- Connecting to an ISP:

    ▲ Via telephone line using a dial-up modem

    ▲ Via telephone line using a high-speed modem (DSL)

    ▲ Via TV cable using a high-speed modem

    ▲ Via a network at work or school

    ▲ Via wireless connections, such as satellites, cell towers, and dish systems

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Understanding URLs

■ Every site on the Internet has a Universal Resource Locator (URL) address

▲ Use the address to find and display a particular website (location)

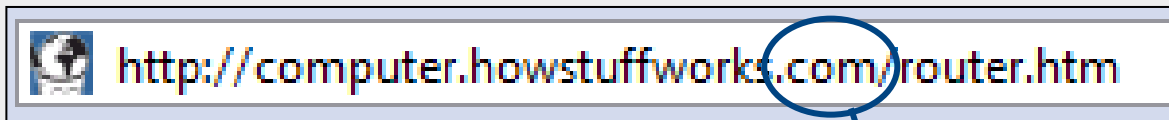▲ Similar to finding a house by looking for its unique address; no two websites can have the same address

http://computer.howstuffworks.com/router.htm

URL

The page you are viewing at the location

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Identifying Top-Level Domains

- Website addresses are divided into major domains

- The original domains were used to break Internet addresses into groups of websites with a common purpose

http://computer.howstuffworks.com/router.htm

.com .mil

.edu .net

.gov .org

The domain (.com) appears at the end of the URL

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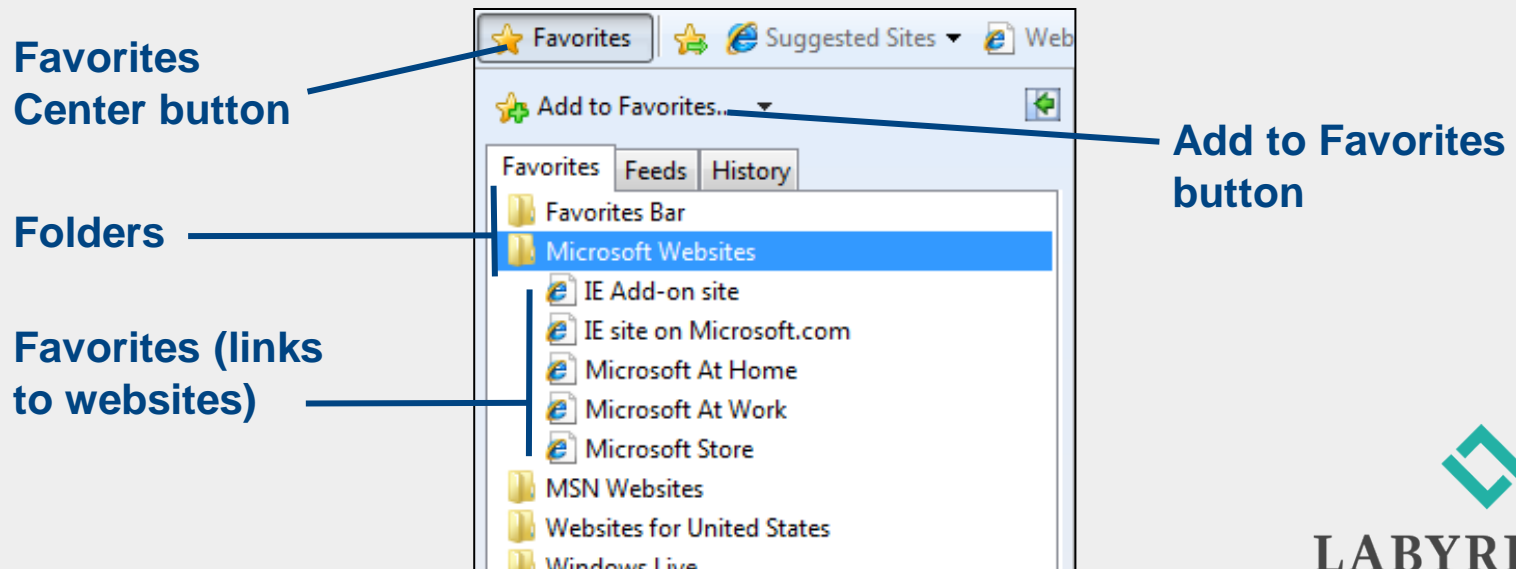LEARNING

Using Hyperlinks

- A hyperlink ("link") is text or a picture linked to another page on the web

- If you think of the web as a giant book, these links allow you to jump from one page to another in the book

When your mouse pointer is over a link in a web page, the pointer turns into a small hand

DNA Test Indicates Very Green Greenland
WASHINGTON (AP) - Ice-covered Greenland rea
forests in a climate much like that of Sweden a
recovered ancient DNA from the bottom of an i

Right Whale Fossil
s at a museum in cent
ne oldest fossilized rem
ture (state) estimate

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Creating Favorites

- *Favorite*—Link to a web page that you save in your browser

  ▲ Make a favorite to easily return to a preferred web page

  ▲ Internet Explorer allows you to save many addresses as favorites

Favorites Center button

Add to Favorites button

Folders

Favorites (links to websites)

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Using Search Engines

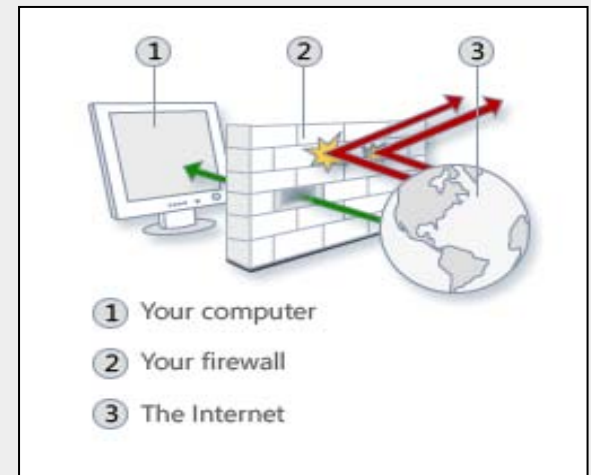■ Search engines are specialized websites that help you find and sort information on the web

TIP! *Think of a search engine as your own personal web librarian.*

■ Searching tips:

▲ Pick a few key words to describe your search item

▲ Be specific

▲ Spell your search words correctly

▲ Keep trying

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Protecting Against Web Threats

■ Defend your computer against potential Internet threats

■ Two types of software handle most of the defense for your computer:

  ▲ **Firewall software**—Acts much like the outer defensive wall on a medieval castle

  ▲ **Antivirus Software**—Defends against small programs written to disrupt your computer

① Your computer
② Your firewall
③ The Internet

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