

Welcome to  
**The World of Computers,**  
**3rd Edition**



## Lesson 6: Searching for Websites

[Return to the student web page](#)



**LABYRINTH**  
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# Lesson Objectives

- After studying this lesson, you will be able to:
  - ▲ Describe what an Internet search engine does
  - ▲ Perform a basic instant search
  - ▲ Use Internet Explorer 8's tabbed browsing feature
  - ▲ Use favorites to mark and navigate to websites
  - ▲ Navigate using the History panel
  - ▲ Print a web page

# Using the Instant Search Box

- Search engine: Website designed to help you locate and navigate to web pages with desired information
- Instant Search box
  - ▲ Allows you to search without navigating to the search engine's homepage
  - ▲ Allows you to switch search engines quickly

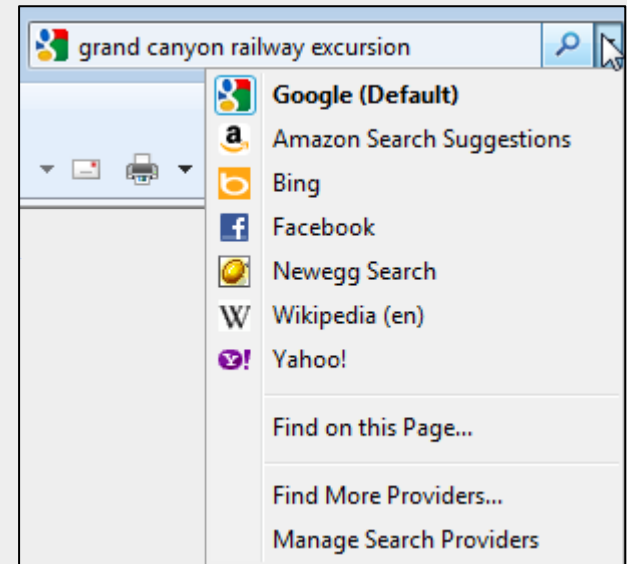


*Over time, you will likely find your favorite search engines to suit your various needs*

# Using the Instant Search Box

## ■ Instant Search box

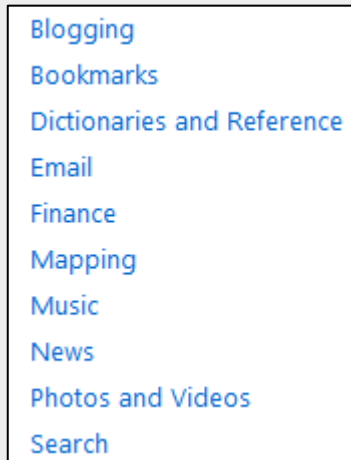
- ▲ Search without navigating to the search engine's homepage
- ▲ Add favorite search providers
- ▲ Switch search providers quickly



# Using the Instant Search Box

## ■ Adding search providers

### ▲ Many categories of search providers to choose from



### ▲ Custom additions of unlisted search providers

# Interpreting Search Results

Number of "hits" found

Hit

Stored version of the page

Search within a hit

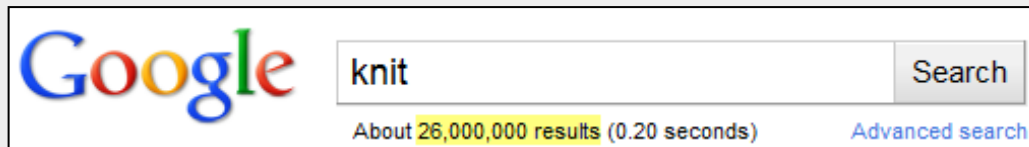
The screenshot shows a Google search interface with the following elements:

- Navigation links: Web, Images, Videos, Maps, News, Shopping, Gmail, more
- Google logo
- Search bar: grand canyon
- Search button: Search
- Results summary: About 11,600,000 results (0.16 seconds) | Advanced search
- Filter sidebar (left):
  - Everything (selected)
  - News
  - Maps
  - Images
  - Books
  - Videos
  - Shopping
  - Blogs
  - Updates
  - Discussions
  - Fewer
- Search filters (bottom left): Any time, Latest
- Search results (right):
  - Grand Canyon National Park (U.S. National Park Service)**  
Official National Park Service site. News and events, information on camping and lodging, facilities and fees, maps and volunteer openings. Plan your visit - Lodging - Fees & Reservations - Directions  
[www.nps.gov/grca/](http://www.nps.gov/grca/) - Cached
  - Grand Canyon National Park Visitor Information**  
May 2, 2007 ... The **Grand Canyon** we visit today is a gift from past generations. Take time to enjoy this gift. Sit and watch the changing play of light and ...  
[www.nps.gov/grca/grandcanyon/](http://www.nps.gov/grca/grandcanyon/) - Cached - Similar
  - [+](#) Show more results from [www.nps.gov](http://www.nps.gov)
  - Grand Canyon Tours, Hotels and Lodging - Grand Canyon National Park**  
Book your **Grand Canyon** hotels, tours, and vacations online. Book your **Grand Canyon** tours by calling 1-866-944-7263. Book your **Grand Canyon** hotels by calling ...  
[www.grandcanyon.com/](http://www.grandcanyon.com/) - Cached - Similar

Perform a new search

# Narrowing a Search

- If a search yields too many hits, add additional search words (“narrow” your search)



Google  Search  
About 26,000,000 results (0.20 seconds) [Advanced search](#)



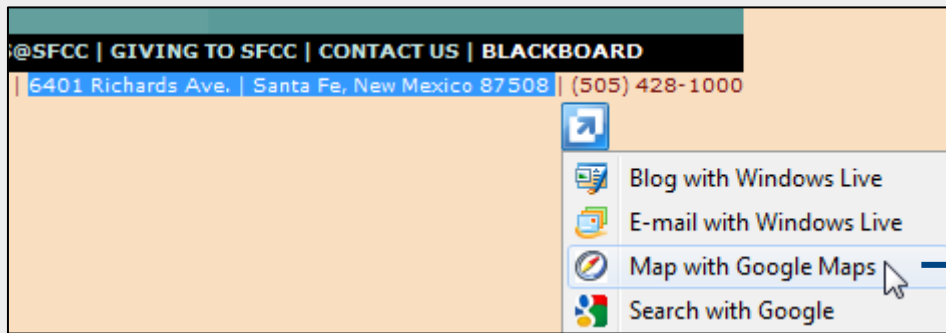
Google  Search  
About 1,990,000 results (0.23 seconds) [Advanced search](#)



Google  Search  
About 233,000 results (0.31 seconds) [Advanced search](#)

# Search Accelerators

- These help you perform a specific type of search on text you select directly on a web page



**This accelerator menu choice jumps you to a map of the selected address**



# Switching Search Result Types

- You can search for specific search results, such as web pages, images, videos, etc.

The screenshot shows a Google search interface for the query "grand canyon". At the top, navigation links for "Web", "Images", "Videos", "Maps", "News", "Shopping", "Gmail", and "more" are visible. The "Images" tab is selected and highlighted in blue. The search bar contains the text "grand canyon" and a "Search" button. Below the search bar, it indicates "About 5,850,000 results (0.11 seconds)" and a link to "Advanced search".

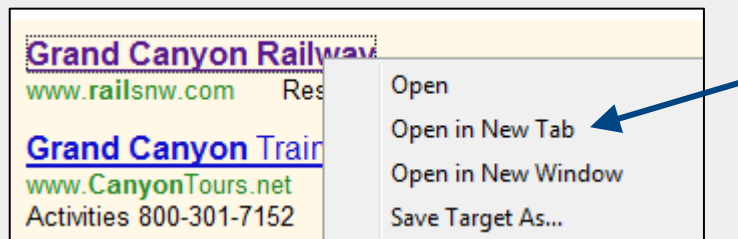
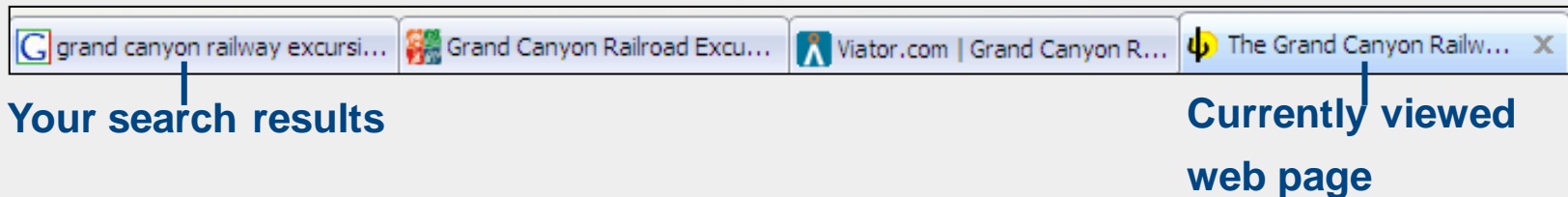
On the left side, there is a vertical menu with icons and labels for different search categories: "Everything", "News", "Maps", "Images" (highlighted), "Books", "Videos", "Shopping", "Blogs", "Updates", "Discussions", and "Fewer".

The main search results area is divided into two columns. The left column features a search result titled "Grand Canyon Hiking Tours" with a link to [www.WildlandTrekking.com](http://www.WildlandTrekking.com). The description reads: "Unforgettable Canyon hikes. Expert guides. Call today for reservations". Below this is a thumbnail image of a wooden walkway over a canyon, with the caption "Grand Canyon fraught" and metadata "720 x 540 - 92k - jpg" and source "travelhouseus.wordpress.com". A link to "Find similar images" is provided.

The right column features a search result titled "Grand Canyon Travel" with a link to [Destinations.AARP.org](http://Destinations.AARP.org). The description reads: "Travel Tips & Info on Hotels, Entertainment & More at AARP.org". Below this is a thumbnail image of a canyon landscape, with the caption "The Grand Canyon" and metadata "500 x 432 - 45k - jpg" and source "priceoffreedom.wordpress.com". A link to "Find similar images" is provided.

# Using Tabbed Browsing

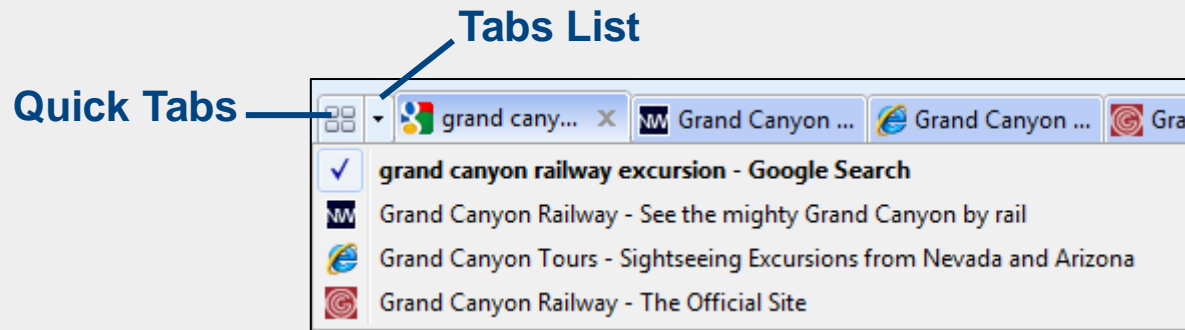
- Open multiple web pages within the same browser window



**Right-click on the link and choose  
Open in New Tab**

# Navigating Tabs

- Tabs List button
- Quick Tabs button

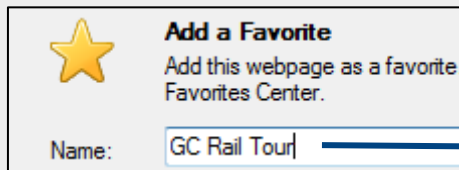
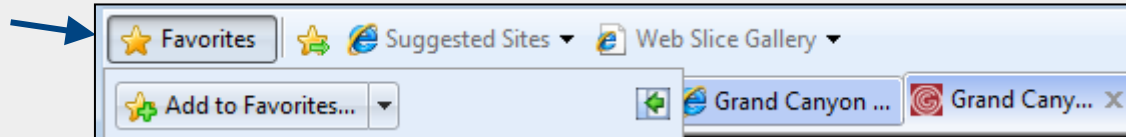


*You can also switch among tabs  
using the mouse or keyboard commands*

# Book-marking Favorite Websites

## ■ Favorites

- ▲ Also called “bookmarks”
- ▲ Quickly go to the pages you visit most often

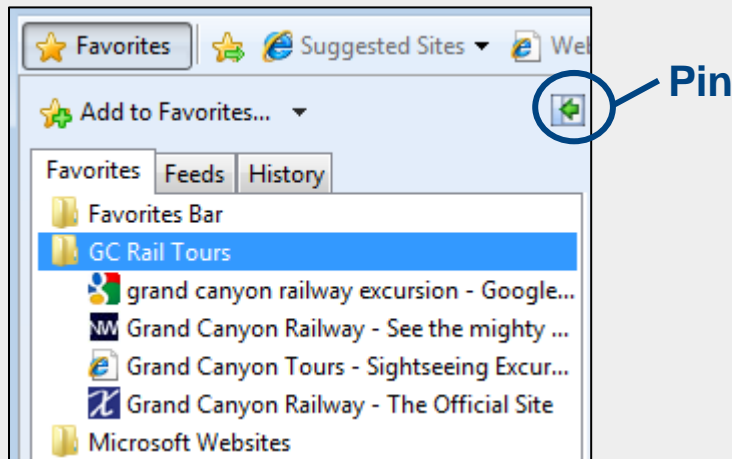


**You can give a custom name to a newly added favorite**

# Marking Favorite Sites

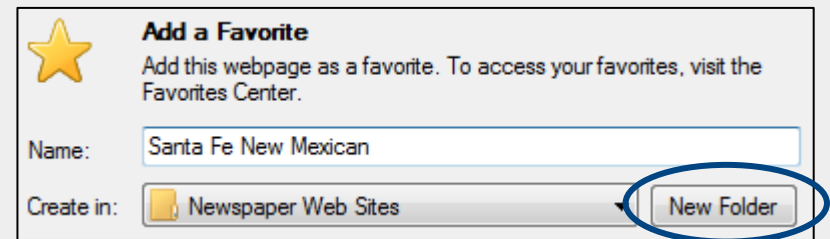
## ■ The Favorites Center

- ▲ “Pin” the panel so it stays open until you close it



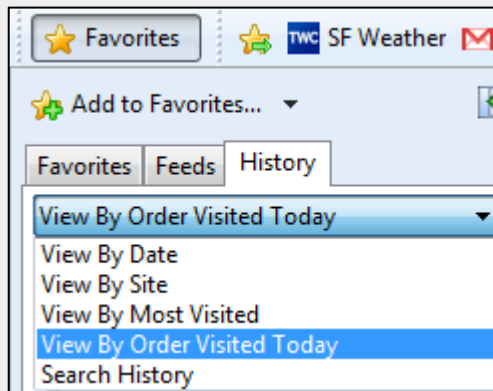
## ■ Organizing favorites

- ▲ Add new folders to help organize favorites



# Using the History View Panel

- History view displays all websites you have visited
  - ▲ Allows your to quickly revisit a site
  - ▲ Default setting: tracks previous 20 days
- Changing the History view



# Printing Web Pages

- Choose what to print
  - ▲ Entire website
  - ▲ Selection (drag to set your preference)
  - ▲ Certain pages

Page Range

All

Selection  Current Page

Pages:

Enter either a single page number or a single page range. For example, 5-12





## Behind the Screen:

# How Search Engines Work

### ■ Full-text

- ▲ Every word of every page indexed

### ■ Computer-generated

- ▲ Assigned keywords

### ■ Human-indexed

- ▲ Reviewed, categorized, and rated



*A metasearch engine sends your search to multiple search engines with a single command*

## Behind the Screen:

# The Order of Hits

### ■ Defined by:

#### ▲ Content

- ◆ Particularly on the homepage

#### ▲ Relevance rating

- ◆ Determined by search engine

#### ▲ Meta-tag

- ◆ Program code embedded in homepage

#### ▲ Money

- ◆ Sites can pay to be listed first



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