

# The Internet & Online Search Worksheet

Partner names: \_\_\_\_\_

**Save your finished worksheet to our class shared folder:** My Computer: S: drive / embergquist / Writable, Exploring CS and finally our class period. Name it with both your names

## Part A: Internet & World Wide Web review:

Review these videos -You may also want to review the presentation & other videos from October 8th (links are on our class webpage) and search on line for more details.

- "How the Internet Works in 5 minutes" Video

([http://www.cleanvideosearch.com/media/action/yt/watch?videoid=7\\_LPdttKXPc](http://www.cleanvideosearch.com/media/action/yt/watch?videoid=7_LPdttKXPc) )

- "How Does the Internet Work" Video

(<http://www.cleanvideosearch.com/media/action/yt/watch?videoid=i5oe63pOhLI> )

### 1. Explain the following terms, in relation to the Internet & World Wide Web:

- Client:
- ISP:
- Server:
- Router:
- IP Address:
- URL:

### 2. Which of these are directly connected to the Internet?

### 3. How is a large file of information transmitted on the World Wide Web?

### 4. Where do the actual Web Pages reside on the Internet? (one of the above terms)

**5. In your own words, when you click on a link to see a website, what happens to display that new page on your computer?** Explain how your request goes out and then the information flows back on the Internet back to your computer - try to use the terms listed above.

# The Internet & Online Search Worksheet

## Part B: Searching Online

Consider the Videos and our discussion on Searching Online:

- How does Internet Search work?  
<http://www.cleanvideosearch.com/media/action/yt/watch?v=Id=XIpMNjloVlk>
- How does Online Google Search works?  
<http://www.cleanvideosearch.com/media/action/yt/watch?v=Id=BNHR6IQJGZs>
- How Google Ads work?  
<http://www.cleanvideosearch.com/media/action/yt/watch?v=Id=ka4tCkYXHiE>
- How Microsoft Bing works, from How Stuff Works pages  
<http://computer.howstuffworks.com/internet/basics/microsoft-bing.htm>
- Search - Bing vs Google: [www.bingiton.com](http://www.bingiton.com) - So which is better: Check out this article from IBT: <http://www.ibtimes.com/bing-vs-google-microsoft%E2%80%99s-pepsi-challenge-backfires-780715>

### 1. Explain the following terms, in relation to the Online Searching:

Keywords:

Index:

Spider (web crawler):

**2. Try out several Searches using at least three different Engines:** Google, Bing, Yahoo, etc. You will probably not always get the same results in different browser. **Why is this?**

**3. What kind of factors/decisions go into determining how to rank (what order to return) your search results?**

**4. After trying several different search engines, decide which search engine you prefer and explain why?**