**Internet: Day 8**

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| **Objectives** *Learners will be able to…* | **Materials** |
| ***Computer skill:*** *investigate different search engines*  ***Computer skill:*** *internet search*  ***Literacy Skill:*** *summarize* | **Make Student Copies**   * **Internet Search Summary-**  2 per student (**Tab 23)** * **Lesson Summary (Tab 15)**   **One copy of:**   * **CAPTCHA Practice (Tab 24)**   **Props, Technology or Other Resources**   * Projector * Computer for every student |
|  | |
| **Lesson Plan** | Vocabulary |
| **Activity 1: Intro to CAPTCHA**  Description: students will go over what a CAPTCHA is and match some examples  Materials/Prep: cut up a copy of CAPTCHA practice so that each rectangle is separate, **before class begins** tape the CAPTCHAs around the room, but keep the plainly typed boxes  **Activity 2: Review Summarizing**  Description: review best practices in summarizing  Materials/Prep: copies of **Internet Search Summary**  **Activity 3: Research Project**  Description: Review how to log into and locate assignments on Schoology, and then begin Day 8 Research assignment  Materials/Prep: copies of **Internet Search Summary**  **Activity 4: Bing and Yahoo Search Engines**  Description: explore Bing and Yahoo to determine learner preference  Materials/Prep:  **Activity 5: Lesson Summary**  Description: learners will summarize the lesson using the Lesson Summary Handout  Materials/Prep: copies of **Lesson Summary** on colorful paper, post in the room if there is space | * Summary * CAPTCHA * Search Engines * Internet Browser * Bing * Yahoo |

**Teacher Directions: Activity 1: CAPTCHA Practice -CAPTCHA Practice**

Step 1: Intro to CAPTCHA

**Ask** learners if they have ever tried to log in to something and there was a box that came up that asked them to type in letter that were distorted and hard to read?

**Explain** that these “annoying” little boxes are referred to as **CAPTCHA Boxes**

Step 2: Context

**Instruct** learners to **keep their eyes forward and off of their computer screens**

Go to Gmail.com, click on “**Create New Account”**

Ask learners which key feature of this website proves to us that it is secure: *https*

Scroll down and point out the CAPTCHA

**Ask** learners what is spelt out

Step 3: How to change

Locate any buttons that would allow users to change the CAPTCHA if it is too hard

Hover cursor over the little icons next to the box to type the CAPTCHA in, a text box will appear to tell you what icon does

Step 4: Why is it there?

Explain the purpose of CAPTCHA- *to ensure that the user is human. These tests are designed to be easy for a computer to generate but difficult for a computer to solve, but again easy for a human.*

*It is an acronym based on the word "capture" and standing for "****C****ompletely****A****utomated****P****ublic****T****uring test to tell****C****omputers and****H****umans****A****part"*

Step 5: Show examples

Refresh the gmail.com page and go through the CAPTCHA’s

Step 6: Individual Practice

There should be CAPTCHAs taped around the room

Hand out the plain text versions of CAPTCHAs to the students

Explain that students should try to match the pain text to CAPTCHA boxes around the room

**Teacher Directions: Activity 2: Review Summarizing -Internet Search Summary**

Step 1: Think, Pair, Share

Write the following questions on the board:

* What does it mean to summarize? *Giving a brief statement of main points*
* How would you summarize a paragraph? *Read through and answer the W questions, who, what, when, where, why*

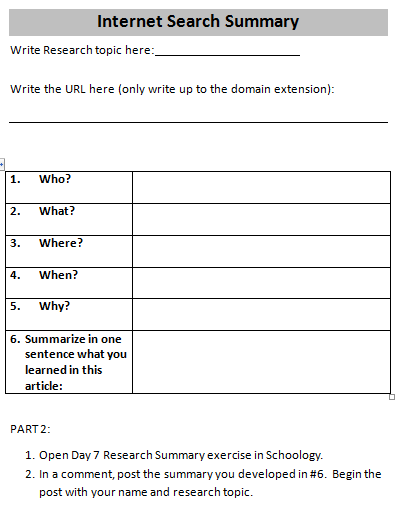
Learners should think about their answers for 1 minute, discuss their answers with a partner for 2 minutes and then everyone will share their answers

Step 2: Controlled Practice

**Instruct** learners to open the internet browser (whichever is their preference)

Go to **google.com**

**Type** in Vikings

 **Click** on “News” tab

Open an article and **demonstrate summarizing one paragraph**

Step 3: Pair Practice

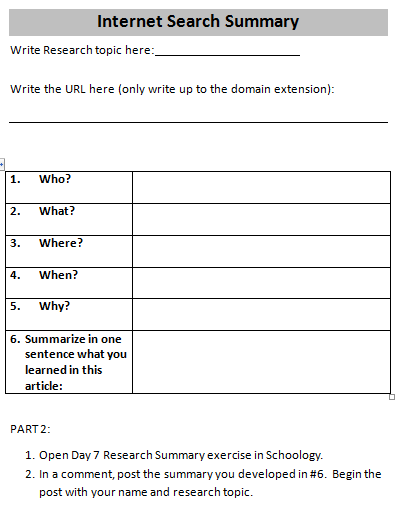
**Ask** learners how to go back to the previous web page: *back arrow*

**Hand out Internet Search Summary**

**Instruct** learners to pair up and locate an article about Vegetarianism and summarize the first three paragraphs of the article

**Teacher Directions: Activity 3: Research Project -Internet Search Summary**

Step 1: Schoology Login

 Have students lead you through how to get to and login to Schoology

*Schoology.com>login>odcomp#@gmail.com> password=Opendoor*

**Ask** learners how to get to the course information

*Courses>Computer and Literacy>Internet*

Step 2: Locate Activity

Open Day 8 Research Summary

**Explain** that learners will be locating websites about their research topic and writing summaries about what they found

**Handout Internet Search Summary**

Step 3: Locate information

**Ask** learners how to open a new tab

**Instruct** them to go to Google.com in new tab, with Schoology open in another tab

**Instruct** them to continue searching for information on their topic picked during Day 7

Once they find it, they should answer the questions on the handout

They should then post the answer to #6 on Schoology under Day 8 Research Summary

Step 4: Insert Summary

Learners should type up their summary into the comment box and post it

Remind learners to **refresh** their pages every few minutes to update and see new posts

**If you do not have time for last activity, simply introduce learners to Bing, explain that it is like Google, but they have differences. Skip to Activity 5.**

**Teacher Directions: Activity 4: Bing and Yahoo Search Engine**

Step 1; Review Search Engines

**Ask** learners what a search engine is

**Ask** learners which search engine we have been using, **ask** if there are others?

**Explain** that there are several Search Engines

**Ask** if learners know of any others: *Yahoo and Bing*

Step 2: Practice with Bing

**Instruct** learners to go to **bing.com**

**Explain** that they should try out this search engine using the key words they have been using for their research

Step 3: Practice with Yahoo

**Review** how to open a new tab

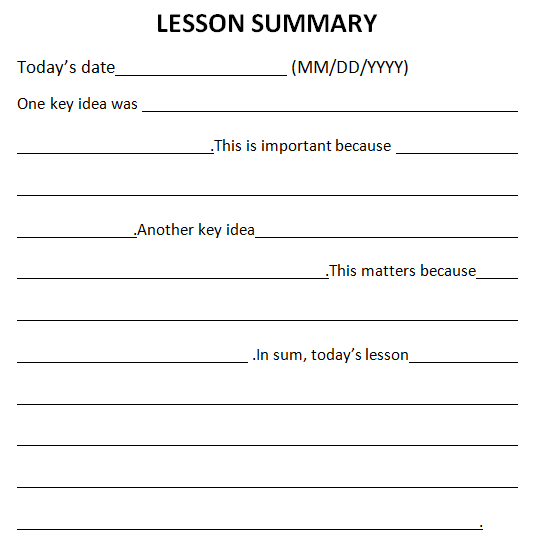
**Instruct** learners to go to **Yahoo.com** in the new tab

**Ask** where the search bar is

**Explain** that Yahoo is not suggested for search because of the amount of ads and irrelevant information to easily accessible

**Learners** can practice with Yahoo, but explain that they are encouraged to use Google or Bing in class

**Teacher Directions: Activity 4: Lesson Summary –Lesson Summary**

Step 1: Set-up

Hand out **Lesson Summary**

Instruct learners to fill it in for today’s events

**CAPTCHA Practice**

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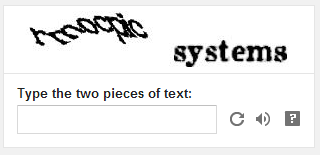












**DIRECTIONS:** Divide up the squares, mix them up and then hand out a couple to each learner. There are two of a few CAPTCHAs that are meant to ensure students are looking closely at the text in the CAPTCHA

**decorator collectors**

**rmoapic systems**

**rmocpic systems**

**are Theirbuy**

**are Theibuy**

**usedtral**

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**contribute of**

**following flnding**

**following finding**

**svvm**

**swm**

**omellnd pleasure**

**Omellnd pleasure**

**Internet Search Summary**

Write Research topic here:

Write the URL here (only write up to the domain extension):

|  |  |
| --- | --- |
| 1. **Who?** |  |
| 1. **What?** |  |
| 1. **Where?** |  |
| 1. **When?** |  |
| 1. **Why?** |  |
| 1. **Summarize in one sentence what you learned in this article:** |  |

PART 2:

1. Open Day 7 Research Summary exercise in Schoology.
2. In a comment, post the summary you developed in #6. Begin the post with your name and research topic.

**LESSON SUMMARY**

Today’s date (MM/DD/YYYY)

One key idea was .This is important because .Another key idea .This matters because .In sum, today’s lesson .

[[1]](#footnote-1)

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