**Internet: Day 5**

Internet Threat Day

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| **Objectives** *Learners will be able to…* | **Materials** |
| ***Computer skill:*** *identify safe URL with HTTPS*  ***Computer skill:*** *identify safe internet practices*  ***Literacy Skill:*** *summarize main takeaways* | **Make Student Copies**   * **Day 5 Warm-up Checklist-** 4 copies on each page, print 1 copy per every 4 learners **(Tab 17)** * **Internet Safety Vocabulary (Tab 18)** * **Day 5 Internet Safety PPT-**print 4 slides per page for students **(Tab 19)**   **Props, Technology or Other Resources**   * Projector * Computer for every student * **Day 5 Internet Safety PPT** |
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| **Lesson Plan** | Vocabulary |
| **Warm-up:**  Description: Learners should open their computer and go onto Schoology.com. They will use the **Day 5 Warm-up Checklist** and check each of the common website features that are present. Review with the learners  Materials/Prep: copies of **Day 5 Warm-up Checklist**  **Activity 1: Log on to Schoology**  Description: learners should log in to Schoology and complete a review activity. This should take **no more than 30 minutes,** cut students off if over  Materials/Prep:  **Activity 2: Intro to Internet Safety**  Description: teacher will explain how to think about today’s lesson and then learners will go into good and search for the definition of virus an malware  Materials/Prep: on Schoology: **Day 5 Viruses and Malware**  **Activity 3: Internet Safety PPT**  Description: learners will be investigators, determining clues that will keep people safe on the internet  Materials/Prep: download **Day 5 Internet Safety PPT**  **Activity 4: Tips to Share**  Description: learners will make a sign that lists some of the tips they would share with family/friends to stay safe on internet  Materials/Prep: a few sheets of blank paper, markers | * Virus * Malware * Anti-virus software * Download * Install * Review: Domain extensions * Pop-up * Pop-up blockers |

**Teacher Directions: Activity 1: Log in to Schoology**

Step 1: Front page of Schoology

Instruct learners to type “schoology.com” into the address bar

Once they have done that, everyone should be on the main page for the Schoology Website

**Ask** if anyone sees a place where it looks like they can “log in”

In the upper right hand corner of the page

Step 2: Login to Schoology

**Instruct** learners to log in to their Schoology account, Teacher should also sign in

**Student** Usernames: odcomp(comp#)@gmail.com

Password: Opendoor (same for all)

**Teacher login:** [comp.lit.opendoor@gmail.com](mailto:comp.lit.opendoor@gmail.com)

Password: Opendoor

Step 3: Locate class>Review

**Review** how to get to the class site: **Courses> Computer and Literacy**

**Review** how to access documents for the class we are in: **Click on Internet Class**

**Teacher Directions: Activity 2: Intro to Internet Safety –Download Internet Safety PPT**

**Disclaimer:** Internet Safety consists of all of the activities we have done to this point. Being able to tell what is an advertisement versus content and understanding domain extensions and their role. Today out focus will be on the threats that exist on the internet. Internet safety can be a difficult issue to discuss. Specifically, many people fear the internet and sharing information. As a teacher, it is encouraged to remained unbiased and remind learners that the internet is an important and necessary tool in today’s world.Conversations can often end upin the direction of conspiracy theories, which can be difficult to avoid, but the best way to redirect the class is to remind them that we are learning the tools to become **safe, aware and effective internet users.** The most common problems with the internet arise when people are unfamiliar with the layout and makeup of the internet.

Step 1: Introduce Internet Safety

**Explain** that today’s lesson will be about threats to our safety on the internet. We will be discussing ways to increase the safety of browsers and things to look for to ensure you are on a safe website

**Explain** that for those who took the Email class, the discussion will be a little different. With Email, you are encouraged to never share personal information, but it is almost impossible to avoid sharing any information on the Internet.

**We are going to investigate clues to determine if a website is safe.**

Step 2: Adapt safe mindset

Before getting into heart of today’s lesson, **share the following example**

Think of going online like going to the mall. The mall is not an inherently dangerous place, but things could happen and you take the steps necessary to avoid issues. You lock your car doors; you carry a purse or wallet instead of just having money hanging everywhere, you SOMETHING.

Step 2: Introduction to Viruses and Malware, Pre-reading

**Ask** if anyone has ever heard the terms **virus** or **malware?**

Does anyone know what they mean? Review student understanding

Step 3: Google search definition of virus

**Instruct** learners to go to google.com

**Instruct** learners to type **define computer virus** into the search bar

Explain that if you are looking for the definition of a word, type define before that word in a search and the definition will pop-up automatically

Step 4: Google search definition of malware

Ask learners what to type if you are looking for the **definition of malware**

**Type in define malware** into search bar

**Explain** that malware is an overarching term for things that can infect your computer and harm it, so viruses are a form of malware

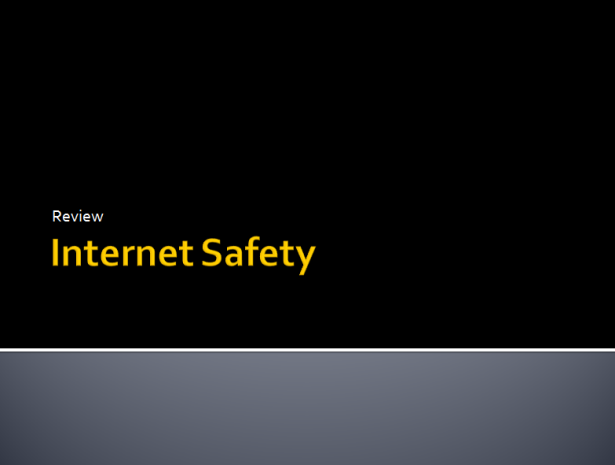
Step 5: Takeaways

Again, this is not meant to scare users.

We will now discuss ways to stay safe on the internet

**Teacher Directions: Activity 3: Internet Safety -Download Day 5 Internet Safety PPT**

**-Internet Safety PPT Slides for Students**

Step 1: Internet Safety PowerPoint

Teacher should Download **Day 5 Internet Safety**

Print out with 4 slides per page for learners

Hand out the slides form for learners

**This is a wordy PPT, but it is all important information**

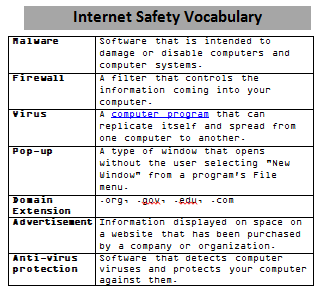
Step 2: Practice what has been learned

Ask learners what websites they frequent?

Go to these (appropriate) websites and look for the Common Website Features that were discussed during Day 4-read the features off and ask if the students can locate them

**Determine** if this is a safe place to share information

Examples:

* Facebook
* Amazon
* Monster

**Emphasize** that users should avoid websites that download music and videos, as well as any websites that would be deemed “inappropriate” in a classroom setting. There are more issues than respecting classmates that come with those websites, as many people will insert viruses into seemingly safe looking links.

Day 5 Warm-up Checklist

* Hyperlinks
* Ads
* A search box
* A top navigation bar
* Left sidebar navigation
* A place to Login or Register
* Videos

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**Internet Safety Vocabulary**

|  |  |
| --- | --- |
| **Malware** | Software that is intended to damage or disable computers and computer systems. |
| **Firewall** | A filter that controls the information coming into your computer. |
| **Virus** | A [computer program](http://en.wikipedia.org/wiki/Computer_program) that can replicate itself and spread from one computer to another. |
| **Pop-up** | A type of window that opens without the user selecting "New Window" from a program's File menu. |
| **Domain Extension** | .org, .gov, .edu, .com |
| **Advertisement** | Information displayed on space on a website that has been purchased by a company or organization. |
| **Anti-virus protection** | Software that detects computer viruses and protects your computer against them. |