

Cybersafety

Teacher: Cynthia Campbell		Date: Summer/Fall 2013
Subject: Computer Apps I, Computer Apps II, Business Communications		
Standards & Elements:	ISTE NETS-S 1a-c, 2a, 2d, 4a, 4d, 5a, 6a BCS-BCP-3, BCS-BCP-4 :a,d, BCS-BCP-5: a-c, BCS-CA1-1:a,b, BCS-CA1-2 :a,b,d,e BCS-CA2-1.:a-f	
Learning Objectives:	<p>Introduce new cybersecurity concepts, terms and definitions to students.</p> <p>Raise students' awareness of cyber threats associated with using communication tools on the Internet.</p> <p>Explore the concept of privacy in the real-world and online</p> <p>Understand how and why companies collect information about visitors to their websites and what they can do to protect themselves.</p>	
Essential Question	<p>How can you protect yourself on the Internet?</p> <p>How do websites collect your personal information and what can you do about it?</p>	
Describe how differentiation is addressed throughout the lesson:	<p>Media and presentation variety: teacher guided presentation, posters, infographics, written directions and materials, audio, video, interactive game, Web 2.0 tools.</p>	
Accommodations/Modifications	<p>The online work has audio recording of the most important text.</p> <p>Students with reading deficits will pair with peers who are good readers for the independent work session.</p> <p>Students can use Windows Narrator if needed.</p>	
Materials: Tech-notebooks, pens, projector, computers, Today's Vocabulary sheets, flash drives, <u>Teacher Materials:</u> http://cgcatech.weebly.com/ Today's Links: http://cgcatech.weebly.com/cybersafety.html <u>Apps and Websites:</u>	Lesson Cycle:	
	Opening: In classroom	<p>Upon arrival: Students copy the info from the <u>Tech-book Info Board</u> onto the designated page in their Media journals. Info includes links we will use in Computer Lab. Also - students staple the "Today's Vocabulary" sheet into their notebooks.</p> <p>INTRO: Announce to students: "I have some news! Our principal has hired a research company to collect information that will help us make the school better for you. Several observers will watch students and record where each of you goes, how many times you go there, and how long you stay there, including to the water fountain, your locker, the bathroom, the cafeteria, and to visit another student. You will be identified only by a number. At the end of the day, the research company will put all the data together and write a report for the principal."</p>

<p>Cgcatech.weebly.com. Delicious</p> <p><u>Assessment:</u> The Cyber Safety quiz on cgcatech.weebly/cybersafety.html will be the assessment for this lesson.</p> <p>Homework: Find and read a privacy policy on Google or wikipedia.</p> <p>Key Vocabulary</p> <ul style="list-style-type: none"> • phishing: when people send you phony emails, pop-up messages, social media messages, texts, calls, or links to fake websites in order to hook you into giving out your personal and financial information <p>anonymous: someone who can't be identified based on the information at hand</p> <p>cookies: small computer text files placed in your computer by the sites you visit that collect information about your computer system and the webpages you view</p>	<p>Work Session: In computer lab</p> <p>Closing:</p>	<p>Tell the students to pair up and discuss this for about 3 minutes - write down any concerns they can think of in their Tech-notebooks. After 3 minutes, the teacher will ask the students to share their concerns.</p> <p>EXPLAIN that the story you told is not true; no one will be collecting information about them in the school. However, this is the kind of information that many websites collect whenever you visit them. Companies can learn all kinds of things about you, based on where you go and what you do when you're online.</p> <p>DEFINE the Key Vocabulary term anonymous. Explain to students that most people think no one knows who they are or what they do when they are online. Believing they are anonymous is why people sometimes do things online that they would not do face to face. However, it's nearly impossible to be completely anonymous online.</p> <p>DISCUSS: This is the kind of information that websites collect . Does that bother you? Have you heard of COOKIES? Define cookies - talk about where they can be found on one's computer.</p> <p>"There are a lot of things involved in staying SAFE on the Internet. Today you will be visiting several sites and watching videos and reading about Cyber Safety. Remember to ask if you need help.</p> <p>Students go to cgcatech.weebly/cybersafety.html and begin working. All the info they need is on the website. They will watch a video on the webpage and then use Delicious to explore CyberSafety websites and information. They will take an online assessment on Cyber Safety.</p> <p>Back in class we will go over the Internet Safety Contract and the students will sign two copies - one they will staple into their Tech-notebooks and one they will turn in to the teacher.</p> <p>and then we will start to play the Cyber Academy game. AS a group and using the projector, we will go through the Cyber Academy Orientation and learn about the PAL - where the cyber dictionary and badges are located.</p>
<p>This lesson comes from Common Sense Media, www.commonsense.org/educators</p>		