

**Internet Safety and the Teenager:
A Collaborative Effort between the ITRT, Media Specialists, and
Freshmen Success Teachers**

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Great Ideas Lesson Planner

Lesson Title: Internet Safety and the Teenager

Subject: Internet Safety Time Duration: 1 block - 90 minute

Teacher: Ms. Deborah Marshall, Instructional Technology Resource Teacher; Mrs. Betsy Davis, Media Specialist; & Ms. Lisa McKnight-Ward, Media Specialist

School: Granby High School

Content Standards/Competencies:

The student will:

1. Read and analyze a variety of literature.
2. Read and analyze a variety of informational materials (manuals, textbooks, business letters, newspapers, brochures, reports, catalogs) and nonfiction materials, including journals, essays, speeches, biographies, and autobiographies.
3. Read and analyze a variety of informational materials, including electronic resources.
4. Plan and conduct investigations.
5. Investigate and understand that experiments in which variables are measured, analyzed, and evaluated produce observations and verifiable data.
6. Demonstrate skills for historical and geographical analysis.
7. Demonstrate knowledge of economic, social, cultural, and political developments in the contemporary United States.
8. Demonstrate mastery of the social studies skills citizenship requires.
9. Demonstrate knowledge of the concepts of democracy.
10. Demonstrate knowledge of civil liberties and civil rights.
11. Demonstrate knowledge of the role of government in the Virginia and United States Economies.
12. Demonstrate knowledge of personal character traits that facilitate thoughtful and effective participation in civic life.
13. Understand that thoughtful and effective participation in civic.
14. Demonstrate knowledge of ethical, cultural, and societal issues related to technology.
15. Practice responsible use of technology systems, information, and software.
16. Demonstrate knowledge of technologies that support collaboration, personal pursuits, and productivity.
17. Evaluate and select new information resources and technological innovations based on the appropriateness for specific tasks.
18. Use technology resources for solving problems and making informed decisions.

Related SOL Objectives:

(include all applicable, example English 10.7)

English:

9.3, 9.4, 11.4, 12.4: Reading Analysis:
9.6, 10.7, 10.9, 11.7, 11.9, 12.7: Writing:
9.8, 9.9, 10.11, 11.10, 12.8: Research:
11.2, 12.1: Oral Language:

Science:

ES.1: Earth Science **BIO.1:** Biology
PH.1: Physics **CH.1:** Chemistry

History/Social Science:

VUS.1 & VUS.14: Virginia & US History
GOVT.1, GOVT.3, GOVT.11, GOVT.16, GOVT.17, & GOVT.18:
Government

Computer/ Technology

C/T 9-12.3, C/T 9-12.4, C/T 9-12.5: Social & Ethical Issues
C/T 9-12.7: Technology Research Tools
C/T 9-12.8: Problem-solving and Decision-making Tools

1. DESIRED RESULTS

Essential Questions	Knowledge and Skills
<p>Technology/Internet Safety: How does knowing about ethical, cultural, and societal issues related to technology impact my personal power? <i>To be answered by students from their point of view</i></p> <p>How does technology impact my ability to communicate my ideas and values with specific audiences? <i>To be answered by students from their point of view</i></p> <p>How does my ability to use technology to locate, evaluate, and collect information empower me as a life long learner? <i>To be answered by students from their point of view</i></p> <p>What does AUP stand for? <i>Authorized User Policy</i></p> <p>Do you have to sign one before you are allowed on the Internet in a school, or place of employment? <i>Yes</i></p> <p>What does it say? <i>When you go on the Internet you will not go to any bad sites.</i></p> <p>What will happen if you go to bad sites? <i>You may have your Internet privileges taken away from you.</i></p> <p>What does ISP stand for? <i>Internet Service Provider</i></p> <p>Can your home Internet provider take away your Internet privileges? <i>Yes,</i></p> <p>What does URL Stand for? <i>Uniform Resource Locator</i></p> <p>What is a synonym? <i>A word having the same meaning, or nearly the same meaning, as another word.</i></p> <p>Who can tell me a synonym for URL? <i>Web address</i></p> <p>What does E-mail stand for? <i>Electronic Mail</i></p> <p>Do you think E-mail is private? <i>The correct answer is no</i></p>	<p>AUP: Authorized User Policy</p> <p>Blog/ Blogging: A web site that takes the form of journal entries and allows readers to post comments.</p> <p>Bookmark: Browser feature that stores a web address in memory and allows the user to link quickly to the site.</p> <p>Char Room: Web site or on line service that facilitates discussions by quickly posting comments and responses to multiple users.</p> <p>Cyberbullies/ Cyberbullying: Refers to any threats by 1 person (usually student) toward another, typically through e-mails or on web sites (i.e.: blogs, socialnetworking, etc.)</p> <p>Cybercrime: Refers to any Internet illegal related activity</p> <p>Cyberstalking: Refers to any technique, software, etc., used to protect computers and prevent online crime.</p> <p>Identity Theft: Someone obtains the vital information of another person, usually to steal money. Most typical methods: e-mail scams, spyware, and viruses.</p> <p>ISP: Internet Service Provider</p> <p>Phishing: A scam that involves sending a fraudulent e-mail soliciting credit card, Social Security, or other personal information from an unsuspecting user.</p> <p>Spam: Refers to any unsolicited e-mail, or junk mail.</p> <p>Spyware: Refers to a wide-variety of software that is installed on people's computers without their knowledge. Programs typically will track computer use and create numerous pop-up ads. In some instances, spyware can damage the computer and facilitate identity theft.</p>

2. STUDENT ASSESSMENT

Prior knowledge	Ongoing throughout lesson	By the end of the lesson
<p>Use Question & Answers to find out what students know about:</p> <ol style="list-style-type: none"> 1. AUPs 2. URLs 3. ISPs. 4. Internet Safety 	<p>By the Media Specialist and Instructional Technology Resource Specialist: Lead discussion on:</p> <ol style="list-style-type: none"> 1. Internet Safety 2. Taking responsibility for your safety 3. Assisted students with using Microsoft Word, PowerPoint, and PhotoStory software 4. Assisted students with completing Cybercops: Mirror Image 5. Distribute and assist students with filling out i-Safety Pledge cards <p>By the Freshmen Success Teacher:</p> <ol style="list-style-type: none"> 1. Lead discussion on why this unit is important to them now and in the future 2. Assist the Media Specialist and Instructional Technology Resource Specialist with: 	<ol style="list-style-type: none"> 1. Reviewed web sites on Internet Safety 2. Completed a personal dictionary 3. Sent an E-mail to the Freshmen Success Teacher, Media Specialist, and Instructional Technology Resource Teacher, stating 3 things they learned from the Internet Safety unit 4. Created a presentation explaining the importance of Internet safety 5. Demonstrated understanding of Internet Safety Vocabulary

	A. Distribute and assist students with filling out <i>i</i> -Safety Pledge cards B. Classroom management	6. Signed an <i>i</i> -Safety Pledge card
3. LEARNING ACTIVITIES/INSTRUCTION		
<p>Introduction (hook) Video: LiveWire: Missing</p> <p>Q & A as a class: What did you see the children in the Video doing that was a bad idea?</p> <p>Why?</p> <p>What would have done differently?</p>	<p>What students are doing</p> <ol style="list-style-type: none"> Reflecting, through class discussion and e-mail, on: <ol style="list-style-type: none"> "Why Internet Safety is just as important as highway safety?" "Why do you think Internet Safety is important in today's society?" Keeping a personal dictionary Using the Internet and specific websites to get different perspectives on the subject of Internet Safety Completing an Internet security vocabulary review activity created using www.quia.com. E-mailing Freshmen Success teacher, Media Specialist, and Instructional Technology Resource Teacher Completing a multi-media presentation 	<p>Conclusion</p> <p>Through reading, small & large (class) group discussion, Q & A, and preparing a presentation; students will learn:</p> <ol style="list-style-type: none"> The importance of Internet Safety Why, understanding what web site services offer are important How to recognize a phishing site. How to recognize when they are being cyber-bullied or cyber-stalked and what to do.
Accommodations		Required or Supplemental Materials and Resources
<p>Extra support: Collaborate with core subject area and career and technical education teachers and student organization sponsors.</p> <p>Enrichment or early finishers: Create a poster or multi-media presentation on Internet Safety and why it is important.</p> <p>Various learning styles: Visual, Auditory, & One-on-One</p> <p>Limited English proficiency: Collaborate with ESL teacher.</p>	<ol style="list-style-type: none"> <i>i</i>-Safety Pledge cards and poster Connect Safely: Smart Socializing Starts Here: http://www.connectsafely.org/code/code/ Web Wise Kids: Wisdom Begins With You: http://www.webwisekids.org/ Live Wires: The Missing Kit teaches children how to surf the Internet safely. It includes a CD-ROM game for children, a parent/teacher guide, a video and a poster. The web site: http://www.livewwwires.com/ has information on internet safety issues for parents, teachers and librarians. Cybercops: Mirror Image game on CD 	
Related Technology		Research/Best Practices/Strategy
<p>Digital Camera</p> <p>E-Mail</p> <p>Internet</p>	<p>SmartBoard</p> <p>PhotoStory</p> <p>PowerPoint</p>	<p>Media Specialist and Instructional Technology Resource Specialist:</p> <ol style="list-style-type: none"> Explain why students are to keep a Personal Dictionary Review/ Teach how to save to a storage device Assist students with creating their personal dictionary Using higher order Q & A (Bloom's taxonomy), Review/ Teach vocabulary used in Internet Safety activity kit Using SmartBoard: <ol style="list-style-type: none"> Review/Teach how to log into the Internet correctly, & print from websites. Review/Teach how to use PowerPoint/ PhotoStory as a presentation tool. Review/Teach how to save something to their Students Accessible Services Folder on the Intranet. Review/Teach how to reference a website Review web sites that are to be used throughout lesson

	<p>6. Using higher order Q & A (Bloom's taxonomy) assist students with creating their presentation and develop knowledge of vocabulary</p> <p>7. Using Q& A, Review/ Teach about AUPs, ISPs, & URL.</p> <p>8. Lead/ guide discussions about Internet Safety</p> <p>Freshmen Success Teacher:</p> <ol style="list-style-type: none"> 1. Emphasize why this unit is important to them now and in the future 2. Assist the Media Specialist and Instructional Technology Resource Specialist with: <ol style="list-style-type: none"> A. Distribute <i>i</i>-Safety Pledge cards B. Classroom management 3. Review student's e-mail on the 3 things they learned from the Internet Safety unit 4. Report data to Media Specialists and Instructional Technology Resource Teacher
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4. WRAP-UP (5-10 min)

Evidence of student learning/understanding	Homework
<ol style="list-style-type: none"> 1. Printed Article about Internet Safety 2. Completed E-mail to ITRT or Media Specialist stating 3 things the student learned 3. Completed Personal Dictionary 4. Complete an Internet security vocabulary activity with an 80 or higher. 5. Multimedia Presentation about an aspect of Internet Safety 	

5. Other Resources Needed/Comments (optional)

<ol style="list-style-type: none"> 1. 2007, June. Virginia Department of Education Division of Technology & Human Resources Office of Educational Technology. <u>Ideas for Integrating Internet Safety into the Curriculum.</u> 2. 2007, October. Virginia Department of Education Division of Technology & Human Resources Office of Educational Technology. <u>Guidelines and Resources for Internet Safety in Schools. 2nd Edition.</u> http://141.104.22.210/VDOE/Technology/OET/internet-safety-guidelines-resources.pdf 3. 2007, October 17. Barrow, J.; Marrion, E.; Rakestraw, R.; Reed, C.; Sykora, A.; & Thomas, D. <u>Norfolk Public Schools Internet Safety District Manual.</u> Department of Instructional Technology, Norfolk Public Schools. Norfolk, VA.
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