



SURRY COUNTY PUBLIC SCHOOLS

INTERNET SAFETY

CURRICULUM

2008

SURRY COUNTY PUBLIC SCHOOLS
Internet Safety Curriculum

Surry County Public Schools will provide Internet safety to all students. This curriculum will assure that Internet safety is taught at each grade level. The activities and information within these pages should be incorporated into content lessons. Grade levels are suggested but teachers should discuss relevant topics and may float across grade levels. Internet safety should be taught by all teachers in all subjects at all grade levels in cooperation with Computer/Technology Standards of Learning as well as subject area Standards of Learning objectives. Some of the information and activities may easily be modified to be use with grade levels other than the level specified.

This curriculum is designed to use along with the core subject Standards of Learning and includes the Computer Technology Standards of Learning for Virginia's Public Schools.

Every teacher, at every level will discuss computer safety rules and the division's Acceptable Use Policy (AUP).

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Internet Safety Curriculum

Grades Kindergarten – Second

Objectives:

Basic Operations and Concepts

C/T K-2.1 and C/T K-2.2

The student will demonstrate knowledge of the nature and operation of technology systems and the proficiency in the use of technology.

- Use technology to safely demonstrate the ability to perform a variety of tasks; among them turning on and off a computer, starting and closing programs, saving work, creating folders, using pull-down menus, closing windows, dragging objects, responding to commands, use the mouse, keyboard, printer, earphones and multimedia devices.

Social and Ethical Issues

C/T K 2.3 and C/T K-2.4

The student will practice responsible use of technology systems, information and software.

- Know the school's rules for using computers.
- Understand the importance of protecting personal information or passwords.
- Demonstrate respect for the rights of others while using computers.
- Understand the responsible use of equipment and resources.

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Grades Kindergarten - Second

Objectives continued:

Technology Research Tools

C/T K-2.5

The student will use technology to locate, evaluate, and collect information from a variety of sources.

- Identify information in various formats.
- Identify available sources of information.

Problem-solving and Decision-making Tools

C/T K-2.6

The students will use technology resources for solving problems and making informed decisions.

- Recognize that technology can be used to solve problems and make informed decisions.
- Identify and select technologies to address problems.

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Grades Kindergarten - Second

Objectives continued:

Technology Communication Tools

C/T K-2.7

The students will use a variety of media and formats to communicate information and ideas effectively to multiple audiences.

- Identify the best tool to communicate information.
- Use technology tools for individual writing, communication, and publishing activities,
- Demonstrate the ability to create, save, retrieve, and print document.

Terminology:

computer, internet, network, safety, copyright, webpage, password, pop-up, and advertising

Activities:

- Discuss computer safety rules and the division's Acceptable Use Policy(AUP)

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**Activities for Grades Kindergarten - Second
(continued)**

- [Password Rap](#)
- [Privacy Playground](#)
- [Safety Tips with Officer Buckle and Gloria](#)
- [Go Places Safely](#)
- NetSmartz [Internet Safety Pledge](#)
- [Surfing the Web for ABC's](#) lesson plans to help teach internet safety.
- [CyberSmart! : Lesson Plans : Is This Yours?](#)
- [NetSmartzKids: Games](#)

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Grades Three - Five

Objectives:

Basic Operations and Concepts

C/T 3-5.1 and C/T 3-5.2

The student will demonstrate knowledge of the nature and operation of technology systems and the proficiency in the use of technology safely.

- Use technology safely in their daily life and understand the advantages and disadvantages those uses provide while communicating through the use of appropriate terminology.
- Use skills and procedures needed to operate various technologies such as scanners, digital cameras and hand-held computers safely.

Social and Ethical Issues

C/T 3-5.3, C/T 3-5.4 and C/T 3-5.5

The student will demonstrate knowledge of ethical, cultural, and societal issues related to technology.

- Identify how technology has changed society in areas such as communications, transportation, and the economy.
- Discuss ethical behaviors when using information and technology.
- Understand the need for the school division's AUP.
- Follow rules for personal safety when using the Internet.
- Practice and communicate respect for people, equipment and resources.

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Grades Three - Five

Objectives continued:

Technology Research Tools

C/T 3-5.6

The student will safely use technology to locate, evaluate, and collect information from a variety of sources.

- Collect information from a variety of sources.
- Evaluate the accuracy of electronic information sources.
- Enter data into databases and spreadsheets.

Problem-Solving and Decision-Making Tools

C/T 3-5.7

The students will use technology resources for solving problems and making informed decisions.

- Determine when technology tools are appropriate to solve a problem and make a decision.
- Select resources to solve problems and make informed decisions.

Technology Communication Tools

C/T 3-5.8

The student will use a variety of media and formats to communicate information and ideas effectively to multiple audiences.

- Use technology tools for individual and collaborative writing, communication, and publishing activities.
- Use telecommunication tools to communicate and share information with others.

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Grades Three – Five

Terminology:

AUP, identify theft, instant messaging, chat room, social network, safety

Activities:

- Discuss computer safety rules and the division's Acceptable Use Policy(AUP)
- [Safety Tips with Officer Buckle and Gloria](#)
- http://www.cybersmartcurriculum.org/lesson_plans
- [Internet Safety Game](#)

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Grades Six - Eight

Objectives:

Basic Operations and Concepts

C/T 6-8.1 and C/T 6-8.2

The student will demonstrate proficiency in the use of technology and knowledge of the nature and operation of technology systems.

- Describe how technology impacts learning.
- Understand that hardware and software have different operating systems that may affect their use.
- Use self-help features such as online tutorials and manuals to learn to use hardware and software.

Social and Ethical Issues

C/T 6-8.3, C/T 6-8.4 and C/T 6-8.5

The student will demonstrate knowledge of ethical, cultural, and societal issues related to technology, practice responsible use of technology systems and demonstrate knowledge of technologies that support collaboration, personal pursuits and productivity.

- Explain the need for laws and policies to govern technology.
- Explore career opportunities in technology and relate careers.
- Demonstrate the correct use of fair use and copyright regulations.
- Demonstrate compliance with the school division's AUP and other legal guidelines.
- Explore the potential of the Internet as a means of personal learning and the respectful exchange of ideas and products.

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Grades Six - Eight

Objectives continued:

Technology Research Tools

C/T 6-8.6 and C/T 6-8.7

The student will use technology to locate, evaluate, and collect information from a variety of sources and evaluate and select new information resources and technological innovations based on the appropriateness for specific tasks.

- Use Internet and other electronic resources to locate information in real time.
- Evaluate the accuracy, relevance, and appropriateness of electronic information sources.

Problem-solving and Decision-making Tools

C/T 6-8.8

The student will use technology resources for solving problems and making informed decisions.

- Use a variety of technologies to identify and provide possible solutions to real-world problems.
- Select and use appropriate tools and technology resources to accomplish a variety of tasks.

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Grades Six - Eight

Objectives continued:

Technology Communication Tools

C/T 6-8.9

The student will use a variety of media and formats to communicate information and ideas effectively to multiple audiences.

- Independently use technology tools to create and communicate for individual and/or collaborative projects.

Terminology:

copyright, fair use, cyberbullying, instant messaging, social networking, viruses, chatrooms, identify theft and passwords

Activities:

- Discuss computer safety rules and the division's Acceptable Use Policy (AUP)
- [Netsmartz Activities and Videos](#)
- [CyberSmart Lessons and Videos](#)

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Grades Nine – Twelve

Objectives:

Basic Operations and Concepts

C/T 9-12.1 and C/T 9-12.2

The student will demonstrate knowledge of the nature and operation of technology systems and demonstrate proficiency in the use of technology.

- Define the relationship between infrastructure, electronic resources, and connectivity.
- Identify and resolve hardware and software compatibility issues.
- Develop and communicate strategies for solving routine hardware and software problems.

Social and Ethical Issues

C/T 9-12.3, C/T 9-12.4 and C/T 9-12.5

The student will demonstrate knowledge of ethical, cultural, and societal issues related to technology, practice responsible use of technology systems, information, and software and demonstrate knowledge of technologies that support collaboration, personal pursuits and productivity.

- Demonstrate knowledge of electric crimes such as viruses, pirating, and computer hacking.
- Explore and participate in online communities, and online learning opportunities.
- Adhere to fair use and copyright guidelines.
- Adhere to the school division's Acceptable Use Policy as well as other state and federal laws.
- Model responsible use and respect for equipment, resources and facilities.

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Grades Nine – Twelve

Objectives continued:

Technology Research Tools

C/T 9-12.6 and C/T 9-12.7

The student will use technology to locate, evaluate, and collect information from a variety of sources and evaluate and select new information resources and technological innovations based on the appropriateness for specific tasks.

- Use available technological tools to expand and enhance understanding of ideas and concepts.
- Analyze and draw conclusions about the comprehensiveness and bias of electronic information sources.
- Design and implement a variety of search strategies to retrieve electronic information.

Problem-solving and Decision-making Tools

C/T 9-12.8

The student will use technology resources for solving problems and making informed decisions.

- Use technology resources such as educational software, simulations, and models for problem-solving and independent learning.
- Produce and disseminate information through collaborative problem-solving activities.

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Grades Nine – Twelve

Objectives continued:

Technology Communication Tools

C/T 9-12.9

The student will use a variety of media and formats to communicate information and ideas effectively to multiple audiences.

- Determine the most effective tool, format, and style to communicate to specific audiences.
- Use technology-based options, including distance and distributed education, to collaborate, research, publish, and communicate.
- Practice self-directed use of advanced technology tools for communicating with specific audiences.

Terminology:

cyber bully, social networking, cyber harassment, privacy setting, disclosure, privacy, blogs

Activities:

- Discuss computer safety rules and the division's Acceptable Use Policy (AUP)
- Online Communications: Chat rooms, email, IM and blogs
- [**Netsmartz Activities and Videos**](#)
- [**CyberSmart Lessons and Videos**](#)

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- Appendix A** [Computer Technology Standards](#)
- Appendix B** [Ideas for Integrating Safety into the Curriculum](#)
- Appendix C** [VDOE - Internet Safety Guidelines](#)
- Appendix D** Useful websites to assist with teaching Internet Safety
at all grade levels:
<http://www.safekids.com>
<http://www.wiredsafety.org>
<http://www.fbi.gov/publications/pguide/pguidee.htm>
http://www.cybersmartcurriculum.org/lesson_plans
[http://lessonplancentral.com/lessons/Computers and Internet/Internet Safety/index.htm](http://lessonplancentral.com/lessons/Computers_and_Internet/Internet_Safety/index.htm)

