

i-SAFE CURRICULUM SCOPE 2008-09

Elementary Grades K - 5

Scope of curriculum – i-SAFE materials are available in topic modules to provide the teacher with flexibility in creating a program of instruction that best suits the needs of each unique class. Therefore, the sequence of topics is not critical. For the early elementary grades, however, it is recommended that lessons and activities on Cyber Community Citizenship be implemented first to provide a better basis of understanding of the abstract concept of Cyberspace.

How to use this guide: Find your grade level in the following pages to view available lessons including grade-specific and multi-grade options.

Kindergarten

Module: Cyber Community Issues

- **The Cyber Community**

The i-SAFE character, i-Buddy, is used to introduce the abstract concept of a community on the Internet through interactive, hands-on activities. Strategy introduced: Students should have adult assistance when using the Internet.

Module: Online Personal Safety

- **Learn About Online Personal Safety**

The i-SAFE character, i-Buddy, is used to introduce the abstract concept of safety while online and reinforce that students should have adult assistance when using the Internet.

- **Movement and Music (7 mini lessons)** (*multi-grade K – 2*)

A collection of songs available for download or an audio CD with accompanying movement activity plans for teacher use provides an active mode for reinforcement of concepts learned in core curriculum.

- **WORKBOOK: In Sync with Internet Safety Series: Diving into Internet Safety** (*multi-grade K – 2*)

For purchase only – This option to traditional lessons covers personal safety in the cyber community topics in an age-appropriate workbook format. Includes teachers' guide

Module: Cyber Security

- **i-Buddy Learns About a New Kind of Virus**

The i-SAFE character, i-Buddy, is used to introduce the abstract concept of the computer virus and reinforce that students should have adult assistance when using the Internet.

- **Build a Cyber Security Bulletin Board** (*multi-grade elementary*)

Activity-based lesson that engages students in an activity to explore the concepts of cyber security and share what they have learned.

Scope – Grade 1

Module: Cyber Community

- **Our Cyberspace Community**
The i-SAFE character, i-Buddy, is used to introduce the abstract concept of a community on the Internet and are developed through analogies to the real community.
- **Acceptable Use Policies Unit** (*multi-grade all*)
Educators are provided with comprehensive guidelines, including age-appropriate lessons and activities, on the use of the school’s acceptable use policy (AUP) as a teaching tool.

Module: Online Personal Safety

- **Safety in Personal Information**
Grade K concepts built upon by introducing new terminology and engaging in discussions that target age-appropriate strategies for uncomfortable online situations.
- **Movement and Music (7 mini lessons)** (*multi-grade K – 3*)
A collection of songs available for download or an audio CD with accompanying movement activity plans for teacher use provides an active mode for reinforcement of concepts learned in core curriculum.
- **WORKBOOK: In Sync with Internet Safety Series: Diving into Internet Safety** (*multi-grade K – 2*)
For purchase only – This option to traditional lessons covers personal safety in the cyber community topics in an age-appropriate workbook format. Includes teachers’ guide

Module: Cyber Security

- **Email Safety Basics**
Introduces the concept that keeping young children safe requires having the help of a responsible adult when opening or sending email
- **Build a Cyber Security Bulletin Board** (*multi-grade elementary*)
Activity-based lesson that engages students in an activity to explore the concepts of cyber security and share what they have learned.

Scope – Grade 2

Module: Cyber Community Issues

- **Cyber Citizenship**
Concepts revolve around rules of communities and analogies to the real world.
- **Acceptable Use Policies Unit** (*multi-grade all*)
Educators are provided with comprehensive guidelines, including age-appropriate lessons and activities, on the use of the school’s acceptable use policy (AUP) as a teaching tool.

Module: Online Personal Safety

- **Online Personal Safety**
Concepts focus on the importance of rules and laws in keeping people safe.
- **Online Behavior with Netiquette**
Learning activities help student learn about how to use netiquette to have more positive online experiences.
- **Movement and Music (7 mini lessons)** (*multi-grade K – 3*)
A collection of songs available for download or an audio CD with accompanying movement activity plans for teacher use provides an active mode for reinforcement of concepts learned in core curriculum.
- **WORKBOOK: In Sync with Internet Safety Series: Diving into Internet Safety** (*multi-grade K – 2*)
For purchase only – This option to traditional lessons covers personal safety in the cyber community topics in an age-appropriate workbook format. Includes teachers’ guide

Module: Cyber Security

- **Cyber Security and Email**
Grade 1 concepts are introduced and built upon by introducing expanding explanations, vocabulary, and age-appropriate computer virus prevention techniques.
- **Build a Cyber Security Bulletin Board** (*multi-grade elementary*)
Activity-based lesson that engages students in an activity to explore the concepts of cyber security and share what they have learned.

Scope – Grade 3

Module: Cyber Community Issues

- **Places in Cyberspace**
Grade 2 concepts are reviewed and built upon by introducing new terminology and concepts such as “URL”, strategies to exit Web sites and how the terms “appropriate and inappropriate” apply to Internet use.
- **Citizenship and Safety** (*multi-grade 3 – 4*)
Cyber community concepts are expanded upon with a focus on cyber citizenship and safety rules
- **Acceptable Use Policies Unit** (*multi-grade all*)
Educators are provided with comprehensive guidelines, including age-appropriate lessons and activities, on the use of the school’s acceptable use policy (AUP) as a teaching tool.

Module: Online Personal Safety

- **Safety for the Interactive Web**
Online personal safety concepts are explained in terms of engagement in newer interactive technologies.
- **Movement and Music (7 mini lessons)** (*multi-grade K – 3*)
A collection of songs available for download or an audio CD with accompanying movement activity plans for teacher use provides an active mode for reinforcement of concepts learned in core curriculum.
- **Cyber Bullying**
The concepts of cyber bullying as compared to kindness online are introduced through a focus of relating them to behaviors in the physical world. Netiquette is introduced. Students identify courses of action and resources.
- **WORKBOOK: In Sync with Internet Safety Series: Online Safari** (*multi-grade 3 – 4*)
For purchase only – This option to traditional lessons engages learners with analogies of online personal safety to safety when traveling on safari in an age-appropriate workbook format. Includes teachers' guide

Module: Cyber Predator Identification

- **Cyber Predator Awareness**
An age-appropriate, basic introduction to a predator’s grooming process, focusing on terminology

Module: Cyber Security

- **Cyber Security and Email attachments**
Grade 2 concepts are introduced and built upon by introducing expanding explanations, vocabulary, and age-appropriate computer virus prevention techniques.
- **Spam, Scams and Phishing** (*multi-grade 3 – 5*)
An introduction to spam, dangers associated with spam and associated safety rules.
- **Build a Cyber Security Bulletin Board** (*multi-grade elementary*)
Activity-based lesson that engages students in an activity to explore the concepts of cyber security and share what they have learned.

Module: Intellectual Property

For grades 3 and 4, i-SAFE offers 2 core units on Intellectual property comprised of mini-lessons/activities to facilitate a variety of implementation strategies and time frames.

- **UNIT: Intellectual Property (5 lessons)**
Includes an overview of concepts, vocabulary, introduction piracy, information on how to cite a source and a build a bulletin board activity; Includes PowerPoint and html activities
Beat Street Assembly Activities (included in Intellectual Property Unit)
Classroom activities that support concepts learned in the i-SAFE Beat Street Assembly.
- **UNIT: Creativity in the Classroom: Creative Ownership and Copyright (6 lessons)**
Includes concepts and vocabulary that revolve around copyrights and recognizing how copyright affects one’s own work. Includes PowerPoint lesson and activities that integrate creative projects

Scope – Grade 4

Module: Cyber Community Issues

- **Netiquette in the Cyber Community**
Grade 3 concepts are reviewed and built upon, focusing on netiquette usage, age-appropriate strategies to handle inappropriate email and an examination of the concept of “looping.”
- **Citizenship and Safety** (*multi-grade 3 – 4*)
Cyber community concepts are expanded upon with a focus on cyber citizenship and safety rules
- **Acceptable Use Policies Unit** (*multi-grade all*)
Educators are provided with comprehensive guidelines, including age-appropriate lessons and activities, on the use of the school’s acceptable use policy (AUP) as a teaching tool.

Module: Online Personal Safety

- **Keeping it Personal**
Focuses on how to effectively manage personal information online
- **Text Messaging Safety** (*multi-grade 4 – 6*)
Introduction to concepts specific text messaging and its associated safety strategies (including cell phones)
- **Cyber Bullying**
The concepts of cyber bullying as compared to kindness online are explored through a focus of relating them to behaviors in the physical world. Netiquette is introduced. Students identify courses of action and resources.
- **WORKBOOK: In Sync with Internet Safety Series: Online Safari** (*multi-grade 3 – 4*)
For purchase only – This option to traditional lessons engages learners with analogies of online personal safety to safety when traveling on safari in an age-appropriate workbook format. Includes teachers' guide

Module: Cyber Predator Identification

- **Cyber Predator Awareness**
An age-appropriate, basic introduction to a predator’s grooming process, focusing on terminology

Module: Cyber Security

- **Malicious Code in Email**
Covers e-mail forwarding as it is related to viruses and e-mail and Reinforces age-appropriate computer virus prevention techniques
- **Spam, Scams and Phishing** (*multi-grade 3 – 5*)
An introduction to spam, dangers associated with spam and associated safety rules.
- **Build a Cyber Security Bulletin Board** (*multi-grade elementary*)
Activity-based lesson that engages students in an activity to explore the concepts of cyber security and share what they have learned.

Module: Intellectual Property

- **UNIT: Intellectual Property (5 lessons)**
Includes an overview of concepts, vocabulary, introduction piracy, information on how to cite a source and a build a bulletin board activity; Includes PowerPoint and html activities
Beat Street Assembly Activities (included in Intellectual Property Unit)
Classroom activities that support concepts learned in the i-SAFE Beat Street Assembly.
- **UNIT: Creativity in the Classroom: Creative Ownership and Copyright (6 lessons)**
Includes concepts and vocabulary that revolve around copyrights and recognizing how copyright affects one’s own work. Includes PowerPoint lesson and activities that integrate creative projects
- **UNIT: i-Creatm (19 lessons/activities PLUS workbook)** (*multi-grade upper elementary*)
Comprehensively covers concepts related to patents, trademarks and copyrights

Scope – Grade 5

Module: Cyber Community Issues

- **Cyber Community Citizenship**
The Internet community is compared to the physical community, highlighting their similarities and the ways people interact within them.
- **Inappropriate Websites**
An examination of the concept that the Internet is part of the cyber community, which contains both appropriate and inappropriate places to visit, and provides techniques to manage web surfing.
- **Safe Website Design** (*multi-grade 5 – 8*)
Learners develop a comprehensive understanding of safety tips to remember when designing and building their own Websites.
- **Acceptable Use Policies Unit** (*multi-grade all*)
Educators are provided with comprehensive guidelines, including age-appropriate lessons and activities, on the use of the school's acceptable use policy (AUP) as a teaching tool.

>Sub-Topic: Culture, Ethics and the Internet

- **Unit on CD: Our Cultural Awareness Series 1: Hawaii**
For purchase only – 3 lessons with accompanying songs relate typical themes and stories of Hawaiian culture/heritage to issues of cyber safety and responsibility. Each lesson integrates Hawaiian words, phrases, stories, cultural activities, specially written songs, and a youth empowering enrichment activity to connect safety and behavioral concepts of the physical world to understanding of meaningful Internet usage.

Module: Online Personal Safety

- **UNIT: Online Personal Safety (4 lessons)**
Includes concepts surrounding the protection of personal information online, identity theft and an introduction to a predator's grooming process
- **Play it Safe Online** (*multi-grade 5 – 8*)
PowerPoint facilitated lesson that explores the importance of safeguarding one's personal information online.
- **WORKBOOK: In Sync Series: Managing Personal Information Online** (*multi-grade 5 – 8*)
For purchase only – This option to traditional lessons engages learners with a comprehensive examination of the concepts surrounding the necessity and techniques for managing one's online personal information in a workbook format. Includes teachers' guide

>Sub-Topic: Cyber Bullying

- **Cyber Bullying**
Students investigate and identify key concepts associated with cyber bullying and learn strategies to avoid it.

>Sub-Topic: Web 2.0 Technologies

- **Text Messaging Safety** (*multi-grade 4 – 6*)
Introduction to concepts specific text messaging and its associated safety strategies (including cell phones)
- **Web Logs: A Positive Approach to Blogging** (*multi-grade 5 – 8*)
A complimentary lesson/activity to the core Personal Safety Unit; the concepts of personal web logs (blogging) and relevant safety issues are introduced.

> Sub-Topic: Review Concepts with Math Activities

- **Introduction to Graphs** (*multi-grade 5 – 8*)
Learners will continue developing their understanding of online dangers through a math-themed lesson aimed at teaching basic graphing skills.
- **Graphing** (*multi-grade 5 – 8*)
Learners continue to develop an understanding of online dangers through a math-themed lesson aimed at using graphing skills. Students will learn/reinforce three basic graph types along with their primary functions: line graph, bar graph, and circle graph.

Scope – Grade 5 continued

Module: Cyber Predator Identification

- **Cyber Predator Awareness** (*multi-grade 3 – 5*)
Age-appropriate, basic introduction to a predator’s grooming process, focusing on terminology
- **Online Predators and the Grooming Process**
PowerPoint facilitated lesson age-appropriately helps students learn to identify and comprehend basic components of an online predator’s grooming process.

Module: Cyber Security

- **Handshake Activity: Malicious code**
Group activity that illustrates an analogy of how malicious code is spread
- **Cyber Security Basics**
Overview/examination of basic cyber security issues presented by malware
- **Spam, Scams and Phishing** (*multi-grade 3 – 5*)
An introduction to spam, dangers associated with spam and associated safety rules.
- **Build a Cyber Security Bulletin Board** (*multi-grade 1 – 5*)
Activity-based lesson that engages students in an activity to explore the concepts of cyber security and share what they have learned.

Module: Intellectual Property

- **UNIT: Intellectual Property (6 lessons)**
A selection of lessons and activities provide students with opportunities to investigate and identify key concepts associated with responsible use on the Internet, focusing on attributes and types of materials, definitions of copyright and plagiarism, and techniques to avoid IP theft and plagiarism.
Beat Street Assembly Activities (included in Intellectual Property Unit)
Classroom activities that support concepts learned in the i-SAFE Beat Street Assembly.
- **UNIT: Creativity in the Classroom: Creative Ownership and Copyright (5 lessons)**
Includes concepts and vocabulary that revolve around copyrights and recognizing how copyright affects one’s own work. Includes PowerPoint lesson and activities that integrate creative projects.
- **UNIT: i-Creatm (19 lessons/activities PLUS workbook)** (*multi-grade upper elementary*)
Comprehensively covers concepts related to patents, trademarks and copyrights

Module: Effective Outreach

Sub-Topic: Review Concepts with Literacy Activities

- **Integrated Literacy Review: Internet Safety Focus – Cyber Community**
Enables review and reinforcement of the safety concepts associated with interaction and citizenship in the cyber community through basic language arts activities

i-SAFE CURRICULUM SCOPE 2008-09 (Middle Grades)

Grade 6

Module: Cyber Community Issues

- **Cyber Community Citizenship**
An examination of the roles of cyber citizens in the cyber community
- **Safe Website Design** (*multi-grade 5 – 8*)
Learners develop a comprehensive understanding of safety tips to remember when designing and building their own Websites.
- **Negative Networking: A Look at Gangs Online** (*multi-grade 6 – 8*)
An investigation of how gang culture of the physical world is permeating Cyberspace
- **Safety in Online Gaming** (*multi-grade 6 – 8*)
An examination of the terms and concepts related to safety challenges in online gaming
- **Acceptable Use Policies Unit** (*multi-grade all*)
Educators are provided with comprehensive guidelines, including age-appropriate lessons and activities, on the use of the school's acceptable use policy (AUP) as a teaching tool.

>Sub-Topic: Culture, Ethics, and the Internet

- **Unit on CD: Our Cultural Awareness Series 1: Hawaii**
For purchase only – 3 lessons with accompanying songs relate typical themes and stories of Hawaiian culture/heritage to issues of cyber safety and responsibility. Each lesson integrates Hawaiian words, phrases, stories, cultural activities, specially written songs, and a youth empowering enrichment activity to connect safety and behavioral concepts of the physical world to understanding of meaningful Internet usage.

Module: Online Personal Safety

- **UNIT: Online Personal Safety (4 lessons)**
Includes concepts surrounding the protection of personal information online, identity theft and an introduction to a predator's grooming process
- **UNIT 1: Online Identity and You (5 lessons)** (*multi-grade 6 – 8*)
First series of lessons to provides an in-depth examination of what "identity" means, the risks that youth face when revealing too much personal information online and how to use the services provided by identity.net to protect identity while engaging in online activities.
- **Play it Safe Online** (*multi-grade 5 – 8*)
PowerPoint facilitated lesson that explores the importance of safeguarding personal information online.
- **Online Shopping** (*multi-grade 6 – 8*)
Develops understanding of the safety and security risks associated with Internet shopping and how to take preventative measures while shopping online.
- **WORKBOOK: In Sync Series: Managing Personal Information Online** (*multi-grade 5 – 8*)
For purchase only – This option to traditional lessons engages learners with a comprehensive examination of the concepts surrounding the necessity and techniques for managing one's online personal information in a workbook format. Includes teachers' guide
- **WORKBOOK: In Sync Series: Substance Abuse issues in an Online Culture** (*multi-grade 6 – 8*)
For purchase only – This option to traditional lessons engages learners with a comprehensive examination of youth drug abuse and online implications in a workbook format. Includes teachers' guide

>Sub-Topic: Cyber Bullying

- **Cyber Bullying**
Students age-appropriately investigate and identify key concepts associated with cyber bullying and learn strategies to avoid it.
- **WEBCAST – Cyber Harassment: Online Bullying and Stalking** (*multi-grade 6 – 8*)
This investigation of cyber-harassment issues focuses on definitions of bullying and stalking as they apply to the Internet, rules, laws, and consequences, and the Ryan Halligan story.
- **WORKBOOK: In Sync with Internet Safety Series: Cyber Bullying Prevention – Cyber Citizenship and Netiquette Sense** (*multi-grade 6 – 8*) **For purchase only** – This option to traditional lessons provides a complete examination of cyber bullying and prevention techniques in a workbook format. Includes teachers' guide

>Sub-Topic: Web 2.0 Technologies

- **A Web 2.0 World** (*multi-grade 6 – 8*)
Learners explore the risks and benefits of interactive technologies described as "Web 2.0."
- **Text Messaging Safety** (*multi-grade 4 – 6*)
Introduction to concepts specific text messaging and its associated safety strategies (including cell phones)

Scope – Grade 6 continued – Online Personal Safety>Sub-Topic: Web 2.0 Technologies

- **Web Logs: A Positive Approach to Blogging** (*multi-grade 5 – 8*)
The concepts of personal web logs (blogging) and relevant safety issues are introduced.
- **Social Networking** (*multi-grade 6 – 8*)
An investigation of the current trends in usage of social-networking sites, safety strategies for social networking, and the positive uses of these activities
- **Your Digital Footprint** (*multi-grade 6 – 8*)
Defines the term “digital footprint: and enables understanding of how online actions impact searchable personal information.

Sub-topic: Review Concepts with Math Activities

- **Introduction to Graphs** (*multi-grade 5 – 8*)
Internet safety review with through a math-themed lesson (basic graphs)
Graphing (*multi-grade 5 – 8*)
Internet safety review with through a math-themed lesson (graphs)
- **Survey and Statistics** (*multi-grade 6 – 8*)
Internet safety review with through a math-themed lesson (survey and statistics)
- **Word Problems and Algebraic Equations** (*multi-grade 6 – 8*)
Internet safety review with through a math-themed lesson (basic algebra)

Module: Cyber Predator Identification

- **Strangers Online**
Learners develop a basic understanding of the concept that anyone met online is a stranger with the potential to do harm.
- **Online Predators and the Grooming Process**
PowerPoint facilitated lesson age-appropriately helps students learn to identify and comprehend basic components of an online predator’s grooming process.
- **Avoiding Online Predators** (*multi-grade 6-8*)
PowerPoint facilitated lesson helps students age-appropriately learn to identify risky behaviors related to involvement with online predators.
- **WORKBOOK: In Sync with Internet Safety Series: A Common Sense Guide to Strangers Online** (*multi-grade 6– 8*) **For purchase only** – covers the topic of cyber predators in a workbook format. Includes teachers' guide

Module: Cyber Security

- **UNIT: Cyber Security (4 lessons)**
Comprehensively covers security-related e-mail protocols and the risks of spyware and spam scams
- **Computer Security Basics**
Develops understanding of the online security issues presented by malware

Module: Intellectual Property

- **UNIT: Intellectual Property (6 lessons)**
The introduction of key concepts associated with responsible use on the Internet, focusing on attributes and types of materials, definitions of copyright and plagiarism, and techniques to avoid IP theft and plagiarism.
- **Cite Your Source**
Lesson to reinforce techniques to cite sources for school or personal work
- **UNIT: i-Creatm (20 lessons/activities PLUS workbook)** (*multi-grade middle school*)
Comprehensively covers concepts related to patents, trademarks and copyrights

Module: Effective Outreach

>Sub-Topic: Review Concepts with Literacy Activities

- **Integrated Literacy Review: Internet Safety Focus – Cyber Security**
Enables review and reinforcement of cyber security concepts through basic language arts activities.

Module: Media Literacy

- **UNIT 1 – Introduction to Media Literacy (4 lessons)**
Not just about the Internet! First in a series, this unit provides a complete introduction to media literacy

Scope – Grade 7

Module: Cyber Community Issues

- **Cyber Community Citizenship**
An examination of the roles of cyber citizens in the cyber community
- **Safe Website Design** (*multi-grade 5 – 8*)
Learners develop a comprehensive understanding of safety tips to remember when designing and building their own Websites.
- **Negative Networking: A Look at Gangs Online** (*multi-grade 6 – 8*)
An investigation of how gang culture of the physical world is permeating Cyberspace
- **Safety in Online Gaming** (*multi-grade 6 – 8*)
An examination of the terms and concepts related to safety challenges in online gaming
- **Legal Trends in Cyber Safety and Security** (*multi-grade 7 – 8*)
An investigation of current legal trends that concern Internet usage
- **Acceptable Use Policies Unit** (*multi-grade all*)
Educators are provided with comprehensive guidelines, including age-appropriate lessons and activities, on the use of the school's acceptable use policy (AUP) as a teaching tool.

>Sub-Topic: Culture, Ethics, and the Internet

- **Unit on CD: Our Cultural Awareness Series 1: Hawaii**
For purchase only – 3 lessons with accompanying songs relate typical themes and stories of Hawaiian culture/heritage to issues of cyber safety and responsibility.

Module: Online Personal Safety

- **UNIT: Online Personal Safety (4 lessons)**
Includes concepts surrounding the protection of personal Information online, identity theft and an introduction to a predator's grooming process
- **UNIT 1: Online Identity and You (5 lessons)** (*multi-grade 6 – 8*)
First series of lessons to provides an in-depth examination of what "identity" means, the risks that youth face when revealing too much personal information online and how to use the services provided by identity.net to protect identity while engaging in online activities.
- **Play it Safe Online** (*multi-grade 5 – 8*)
PowerPoint facilitated lesson that explores the importance of safeguarding one's personal information online.
- **Safe Screen Names**
Lesson and activity to reinforce how to create safe screen names
- **Online Shopping** (*multi-grade 6 – 8*)
Develops understanding of the safety and security risks associated with Internet shopping and how to take preventative measures while shopping online.
- **WORKBOOK: In Sync Series: Managing Personal Information Online** (*multi-grade 5 – 8*)
For purchase only – This option to traditional lessons engages learners with a comprehensive examination of the concepts surrounding the necessity and techniques for managing one's online personal information in a workbook format. Includes teachers' guide
- **WORKBOOK: In Sync Series: Substance Abuse issues in an Online Culture** (*multi-grade 6 – 8*)
For purchase only – This option to traditional lessons engages learners with a comprehensive examination of youth drug abuse and online implications in a workbook format. Includes teachers' guide

>Sub-Topic: Cyber Bullying

- **Cyber Bullying**
Students age-appropriately investigate and identify key concepts associated with cyber bullying and learn strategies to avoid it.
- **WEBCAST – Cyber Harassment: Online Bullying and Stalking** (*multi-grade 6 – 8*)
This investigation of cyber-harassment issues focuses on definitions of bullying and stalking as they apply to the Internet, rules, laws, and consequences, and the Ryan Halligan story.
- **WORKBOOK: In Sync with Internet Safety Series: Cyber Bullying Prevention – Cyber Citizenship and Netiquette Sense** (*multi-grade 6 – 8*) **For purchase only** – This option to traditional lessons provides a complete examination of cyber bullying and prevention techniques in a workbook format. Includes teachers' guide

>Sub-Topic: Web 2.0 Technologies

- **A Web 2.0 World** (*multi-grade 6 – 8*)
Learners explore the risks and benefits of interactive technologies described as "Web 2.0."

Scope – Grade 7 continued – Online Personal Safety>Sub-Topic: Web 2.0 Technologies

- **Web Logs: A Positive Approach to Blogging** (*multi-grade 5 – 8*)
The concepts of personal web logs (blogging) and relevant safety issues are introduced.
- **Social Networking** (*multi-grade 6 – 8*)
An investigation of the current trends in usage of social-networking sites, safety strategies for social networking, and the positive uses of these activities
- **Your Digital Footprint** (*multi-grade 6 – 8*)
Defines the term “digital footprint: and enables understanding of how online actions impact searchable personal information.

>Sub-topic: Internet Safety Review Concepts with Math Activities

- **Introduction to Graphs** (*multi-grade 5 – 8*)
Graphing (*multi-grade 5 – 8*)
- **Survey and Statistics** (*multi-grade 6 – 8*)
- **Word Problems and Algebraic Equations** (*multi-grade 6 – 8*)

Module: Cyber Predator Identification

- **Grooming Process Awareness** (*multi-grade 7-8*)
Learners develop a basic understanding of a cyber predator’s grooming process.
- **Online Predators and the Grooming Process**
PowerPoint facilitated lesson age-appropriately helps students learn to identify and comprehend basic components of an online predator’s grooming process.
- **Avoiding Online Predators** (*multi-grade 6-8*)
PowerPoint facilitated lesson helps students learn to identify risky behaviors related to involvement with online predators.
- **Examining “Willing Participation”** (*multi-grade 7-8*)
Develops understanding of the safety risks posed by pursuing inappropriate online relationships
- **WORKBOOK: In Sync with Internet Safety Series: A Common Sense Guide to Strangers Online** (*multi-grade 6– 8*) **For purchase only** – covers the topic of cyber predators in a workbook format. Includes teachers' guide

Module: Cyber Security

- **UNIT: Cyber Security (5 lessons)**
Comprehensively covers security-related e-mail protocols and the risks of spyware and spam scams
- **Spyware Risks**
Individual lesson develops understanding of the online security issues presented by spyware.
- **Virus Recognition and Action**
Individual lesson develops understanding of how to prevent online security issues presented by malware.
- **National Student Watch**
Learners develop a comprehensive understanding of their school’s action or disaster plan in response to homeland security threats, and the means of relaying information concerning threats.
- **Homeland Security**
Learners learn terminology and concepts related to potential national security threats facilitated by the Internet.

Module: Intellectual Property

- **UNIT: Intellectual Property (6 lessons)**
Lessons focusing on the various aspects of proper and improper online intellectual property usage.
- **UNIT: i-Creatm (20 lessons/activities PLUS workbook)** (*multi-grade middle school*)
Comprehensively covers concepts related to patents, trademarks and copyrights

Module: Effective Outreach

Sub-Topic: Review Concepts with Literacy Activities

- **Integrated Literacy Review: Internet Safety Focus – Personal Information**
Enables review and reinforcement of online personal safety concepts through basic language arts activities.

Module: Media Literacy

- **UNIT 1 – Introduction to Media Literacy (4 lessons)**
Not just about the Internet! First in a series, this unit provides a complete introduction to media literacy.

Scope – Grade 8

Module: Cyber Community Issues

- **Citizenship in the Cyber Community**
The Internet community is compared to the physical community, with a focus on evaluating the appropriateness of Web sites considering age group, intended use, and reliability of information.
- **Safe Website Design** (*multi-grade 5 – 8*)
Learners develop a comprehensive understanding of safety tips to remember when designing and building their own Websites.
- **Negative Networking: A Look at Gangs Online** (*multi-grade 6 – 8*)
An investigation of how gang culture of the physical world is permeating Cyberspace
- **Safety in Online Gaming** (*multi-grade 6 – 8*)
An examination of the terms and concepts related to safety challenges in online gaming
- **Legal Trends in Cyber Safety and Security** (*multi-grade 7 – 8*)
An investigation of current legal trends that concern Internet usage
- **Acceptable Use Policies Unit** (*multi-grade all*)
Educators are provided with comprehensive guidelines, including age-appropriate lessons and activities, on the use of the school's acceptable use policy (AUP) as a teaching tool.

>Sub-Topic: Culture, Ethics, and the Internet

- **Unit on CD: Our Cultural Awareness Series 1: Hawaii**
For purchase only – 3 lessons with accompanying songs relate typical themes and stories of Hawaiian culture/heritage to issues of cyber safety and responsibility.

Module: Online Personal Safety

- **UNIT: Online Personal Safety (4 lessons)**
Includes concepts surrounding the protection of personal Information online, identity theft and an introduction to a predator's grooming process
- **UNIT 1: Online Identity and You (5 lessons)** (*multi-grade 6 – 8*)
First series of lessons to provides an in-depth examination of what "identity" means, the risks that youth face when revealing too much personal information online and how to use the services provided by identity.net to protect identity while engaging in online activities.
- **Play it Safe Online** (*multi-grade 5 – 8*)
PowerPoint facilitated lesson that explores the importance of safeguarding one's personal information online.
- **Safe Screen names**
Lesson and activity to reinforce how to create safe screen names
- **Online Shopping** (*multi-grade 6 – 8*)
Develops understanding of the safety and security risks associated with Internet shopping and how to take preventative measures while shopping online.
- **WORKBOOK: In Sync Series: Managing Personal Information Online** (*multi-grade 5 – 8*) **For purchase only** – This option to traditional lessons engages learners with a comprehensive examination of the concepts surrounding the necessity and techniques for managing one's online personal information in a workbook format. Includes teachers' guide

>Sub-Topic: Cyber Bullying

- **Cyber Bullying**
Students age-appropriately investigate and identify key concepts associated with cyber bullying and learn strategies to avoid it.
- **WEBCAST – Cyber Harassment: Online Bullying and Stalking** (*multi-grade 6 – 8*)
This investigation of cyber-harassment issues focuses on definitions of bullying and stalking as they apply to the Internet, rules, laws, and consequences, and the Ryan Halligan story.
- **WORKBOOK: In Sync with Internet Safety Series: Cyber Bullying Prevention – Cyber Citizenship and Netiquette Sense** (*multi-grade 6 – 8*) **For purchase only** – This option to traditional lessons provides a complete examination of cyber bullying and prevention techniques in a workbook format. Includes teachers' guide

>Sub-Topic: Web 2.0 Technologies

- **A Web 2.0 World** (*multi-grade 6 – 8*)
Learners explore the risks and benefits of interactive technologies described as "Web 2.0."
- **Web Logs: A Positive Approach to Blogging** (*multi-grade 5 – 8*)
The concepts of personal web logs (blogging) and relevant safety issues are introduced.
- **Social Networking** (*multi-grade 6 – 8*)
An investigation of the current trends in usage of social-networking sites, safety strategies for social networking, and the positive uses of these activities

Scope – Grade 8 continued – Online Personal Safety>Sub-Topic: Web 2.0 Technologies

- **Your Digital Footprint** (*multi-grade 6 – 8*)
Defines the term “digital footprint: and enables understanding of how online actions impact searchable personal information.

>Sub-topic: Internet Safety Review Concepts with Math Activities

- **Introduction to Graphs** (*multi-grade 5 – 8*)
Graphing (*multi-grade 5 – 8*)
- **Survey and Statistics** (*multi-grade 6 – 8*)
- **Word Problems and Algebraic Equations** (*multi-grade 6 – 8*)

Module: Cyber Predator Identification

- **Grooming Process Awareness** (*multi-grade 7-8*)
Learners develop a basic understanding of a cyber predator’s grooming process.
- **Online Predators and the Grooming Process**
PowerPoint facilitated lesson age-appropriately helps students learn to identify and comprehend basic components of an online predator’s grooming process.
- **Avoiding Online Predators** (*multi-grade 6-8*)
PowerPoint facilitated lesson helps students learn to identify risky behaviors related to involvement with online predators.
- **Examining “Willing Participation”** (*multi-grade 7-8*)
Develops understanding of the safety risks posed by pursuing inappropriate online relationships
- **WORKBOOK: In Sync with Internet Safety Series: A Common Sense Guide to Strangers Online** (*multi-grade 6– 8*) **For purchase only** – covers the topic of cyber predators in a workbook format. Includes teachers' guide

Module: Cyber Security

- **UNIT: Cyber Security (5 lessons)**
Comprehensively covers security-related e-mail protocols and the risks of spyware and spam scams
- **Spyware Risks** (*multi-grade 7 – 8*)
Individual lesson develops understanding of the online security issues presented by spyware.
- **Virus Recognition and Action** (*multi-grade 7 – 8*)
Individual lesson develops understanding of how to prevent online security issues presented by malware.
- **National Student Watch** (*multi-grade 6 – 8*)
Learners develop a comprehensive understanding of their school’s action or disaster plan in response to homeland security threats, and the means of relaying information concerning threats.
- **Homeland Security** (*multi-grade 7 – 8*)
Learners learn terminology and concepts related to potential national security threats facilitated by the Internet.

Module: Intellectual Property

- **UNIT: Intellectual Property (6 lessons)**
Lessons focusing on the various aspects of proper and improper online intellectual property usage
- **UNIT: i-Creatm (20 lessons/activities PLUS workbook)** (*multi-grade middle school*)
Comprehensively covers concepts related to patents, trademarks and copyrights
- **File Sharing P2P**
Individual lesson investigates the legal and security issues surrounding peer-to-peer networks

Module: Effective Outreach

Sub-Topic: Review Concepts with Literacy Activities

- **Integrated Literacy Review: Internet Safety Focus – Personal Information**
Enables review and reinforcement of online personal safety concepts through basic language arts activities.

Sub-Topic: Service Learning

UNIT: Service Learning (8 lessons)

Lessons use i-SAFE Outreach materials to engage students in Internet safety-related service learning

Module: Media Literacy

- **UNIT 1 – Introduction to Media Literacy (4 lessons)**
Not just about the Internet! First in a series, this unit provides a complete introduction to media literacy.

i-SAFE CURRICULUM SCOPE 2008-09 (High School)

Non-Webcast Lessons

Module: Cyber Community Issues

- **Cyber Community Survey**
A survey is used to illustrate the Internet community in comparison to the physical community with a focus on the similarities and differences and appropriate versus inappropriate online interactions.
- **Online Freedoms and the Culture of the Internet**
An investigation of Internet-related laws in the United States and how other countries compare
- **Legal Trends in Internet Safety and Security**
A look at current legal trends concerning the Internet
- **Safe Website Design**
Learners develop a comprehensive understanding of safety tips to remember when designing and building their own Websites.
- **Negative Networking: Terrorists, Gangs and Cults**
An investigation of how terrorists, gangs and cults are permeating Cyberspace
- **Emerging Leaders: Cyber Citizens**
An examination of how online issues affect leadership by cyber citizens.
- **Acceptable Use Policies as a Teaching Tool Unit**
Educators are provided with comprehensive guidelines, including age-appropriate lessons and activities, on the use of the school's acceptable use policy (AUP) as a teaching tool.
- **WORKBOOK: Internet Life Skills Series 3 (4 lessons)**
For purchase only – Workbook topics enable completion in a self-guided manner. Series 3 includes: Online Search Skills, Online Job Hunting, Money Management with Technology, and Income Tax Online

Module: Online Personal Safety

- **Online Privacy**
A closer look at how one willingly submits private information online; a guide to raise awareness
 - **Online Shopping Risks**
An examination of how to shop safely online and evaluate shopping Web sites
 - **Safety in Online Gaming**
An examination of the terms and concepts related to safety challenges in online gaming
 - **Safety in Online Gambling**
An examination of the legalities and safety challenges in online gambling
- >Sub-Topic: **Cyber Bullying**
- **Cyber Bullying and Cell Phone Harassment**
Provides information and prevention strategies to avoid cell phone harassment
- >Sub-Topic: **Web 2.0 Technologies**
- **A Web 2.0 World**
Learners explore the risks and benefits of interactive technologies described as “Web 2.0.”
 - **Your Digital Footprint**
Defines the term “digital footprint: and enables understanding of how online actions impact searchable personal information.
 - **Social-Networking Risks**
An investigation of the current trends in usage of social-networking sites, safety strategies for social networking, and the positive uses of these activities
 - **Online Social Networking**
Develops concepts related to strategies for safe social networking
 - **WORKBOOK: Life Skills Series 2 (5 lessons)**
For purchase only – Workbook topics enable completion in a self-guided manner. Series 2 includes: Your Online Persona, Online Social Networking, Online Relationships, Multi-user Online Gaming, Peer-to-Peer Networking

Module: Cyber Predator Identification

- **Online Relationships**
Learners develop a basic understanding of how online relationships can be potentially harmful.

Module: Cyber Security

- **Malware Protection**
Comprehensive examination of the dangers of malware and proactive protection strategies
- **Phishing and Pharming Schemes**
Defines and explores how phishing and pharming schemes target people's personal information
- **Homeland Security**
Learners learn terminology and concepts related to potential national security threats facilitated by the Internet.
- **WORKBOOK: Life Skills Series 1 (4 lessons)**
For purchase only – Workbook topics enable completion in a self-guided manner. Series 1 includes: Computer Security, Online Banking, Online Research Skills, online Shopping

Module: Intellectual Property

- **UNIT: Music Rules – Learn Before You Burn (6 lessons)**
Lessons focusing on Intellectual property usage as it applies to music
- **UNIT: i-Creatm (17 lessons/activities PLUS workbook) (high school level)**
Comprehensively covers concepts related to patents, trademarks and copyrights
- **Cyber Ethics and Peer-to-peer Networks**
Individual lesson investigates the legal and ethical issues surrounding peer-to-peer networks
- **Copyright and Fair Use**
Individual lesson teaches students about copyright, fair use and how to properly cite a source

Module: Effective Outreach

- **i-Adopt-A-School Certified Mentors Curriculum**
Guide and lesson plans to enable high school students to teach internet safety to younger students; Available to student mentors who register and submit an online Implementation Plan at www.isafe.org

Sub-Topic: Service Learning

- **UNIT: Service Learning (8 lessons)**
Lessons use i-SAFE Outreach materials to engage students in Internet safety-related service learning

Module: Media Literacy

- **UNIT 1 – Introduction to Media Literacy (4 lessons)**
Not just about the Internet! First in a series, this unit provides a complete introduction to media literacy.

Webcast Lessons

- **Cyber Citizenship Webcast and Lesson Plan**
An investigation of citizenship issues presented by Internet use, focusing on hacking and hactivism, steganography, potentials of terrorist use of the Internet, and associated legal consequences
- **Privacy and the Internet Webcast and Lesson Plan**
An Introduction to safety online focusing on personal information, online privacy, and various forms of online communication
- **Social Issues Webcast and Lesson Plan**
Developed around a collection of student-produced videos on Internet social issues, including the grooming process, online identities, and online relationships
- **Pornography on the Web Webcast and Lesson Plan**
Developed around the winning high-school entry in the Student Filmmaker Contest; presents the problems associated with the ease of access to pornography on the Internet.
- **Cyber Harassment: Online Bullying and Stalking Webcast and Lesson Plan**
This investigation of cyber-harassment issues focuses on definitions of bullying and stalking as they apply to the Internet, rules, laws, and consequences, and the Ryan Halligan story.
- **Cyber Relationships Webcast and Lesson Plan**
Explores the concept of willing participation in online relationships with strangers and the roles that predators play
- **Security: Malicious Code Webcast and Lesson Plan**
An investigation of Internet security issues, consequences, and computer security strategies relevant to the spread of malicious code
- **Intellectual Property Webcast and Lesson Plan**
Identifies appropriate use of the Internet and intellectual property by covering the definition of "intellectual property," related key terminology, rules, laws, and consequences