



## **Curriculum SCOPE 2011-2012**

### **GOLD Subscription Package – Grades K-12**

**Scope of e-Safety curriculum** – The i-SAFE e-Safety curriculum library of 281 lessons (and lesson plans) is topically comprehensive and provides a unique approach to Internet safety education by meaningfully integrating the elements of current research and current best practices in pedagogy and instructional design with pertinent e-Safety topics. This curricular design is further enhanced by the provision of flexible options to accommodate different classroom environments, lessons and activities targeting a variety of learning modalities to effectively reach all learners, and materials that can be integrated appropriately in a cross-curricular manner. Benefits of i-SAFE’s comprehensive instructional materials include, but are not limited to, the following:

- 281 lessons across all pre-primary through secondary grade levels
- Curricula can be scaffolded from year-to-year at each level
- Lessons offer more options with additional materials such as:
  - PowerPoint presentations
  - Related HTML activities
  - Video Webcasts
  - Corresponding teacher resource newsletters

i-SAFE’s complete library of curriculum lessons covers e-Safety basics (e.g., personal safety and cyber citizenship) as well as current issues and trends (e.g., social networking, cyber harassment, mobile phone use, etc.). Each lesson stresses empowerment and enrichment opportunities with a full range of support materials to enable successful completion. For purposes of thematic/topical alignment, i-SAFE’s current library of e-Safety curriculum lessons are arranged into the following “modules”:

<u><b>Code</b></u>	<u><b>MODULE</b></u>	<u><b>Available for ages (grades)</b></u>
<b>CCC</b>	Cyber Community Citizenship	Ages 5–17 (US grades K-12)
<b>PSO</b>	Personal Safety Online	Ages 5–17 (US grades K-12)
<b>CS</b>	Cyber Security	Ages 5–17 (US grades K-12)
<b>CPI</b>	Cyber Predator Identification	Ages 8–17 (US grades 3-12)
<b>IP</b>	Intellectual Property	Ages 8–17 (US grades 3-12)
<b>DL</b>	Digital Literacy	Ages 10–17 (US grades 5-12)
<b>OER</b>	Outreach, Empowerment, Review	Ages 10–17 (US grades 5-12)
<b>ER</b>	E-Rate ( <i>has 3 sub-topic modules</i> ):	Ages 5–17 (US grades K-12)

- AOB** = Appropriate Online Behavior  
**CB** = Cyber Bullying  
**SN** = Social Networking and Chat Rooms

**NOTE:** The e-Safety topical “modules” are intended to assist educators in creating a program of instruction that best suits the needs of each unique class. Therefore, the sequence of lessons is not critical. However, for i-SAFE GOLD subscribers, it is recommended that the early elementary grades be presented and taught the lessons and activities in the Cyber Community Citizenship module first to provide a better basis of understanding of the abstract concept of Cyberspace. Also, the 71 e-Safety lessons in the E-Rate “module,” which has three (3) sub-topic modules, are specifically aligned with the E-Rate certification and curriculum requirements stated in the 2008 Protecting Children in the 21<sup>st</sup> Century Act and also in the FCC’s August 11, 2011, Order Updating CIPA (Children’s Internet Protection Act).

There are 281 discrete e-Safety lessons in the GOLD subscription library, many of which are age appropriate for more than one age group or grade level. Each of the GOLD e-Safety lessons has been coded/labeled as indicated in the coding KEY below. These topical codings/labels will assist you in selecting the specific lessons you want taught in your classroom(s).

**Coding (Symbol/Abbreviation) KEY** – The following is a list of symbols/abbreviations used in this SCOPE document and what each symbol or abbreviation represents:

<b><u>Symbol or Abbreviation</u></b>	<b><u>Indicating / Meaning</u></b>
•	Curriculum Lesson (and lesson title)
CCC	Cyber Community Citizenship – MODULE
PSO	Personal Safety Online – MODULE
CS	Cyber Security – MODULE
CPI	Cyber Predator Identification – MODULE
IP	Intellectual Property – MODULE
DL	Digital Literacy – MODULE
OER	Outreach, Empowerment, Review – MODULE
ER	E-Rate – MODULE:
AOB	Appropriate Online Behavior
CB	Cyber Bullying ( <i>awareness and response</i> )
SN	Social Networking ( <i>including chat rooms</i> )

# KINDERGARTEN

(Library of 12 Lessons)

## **MODULE: Cyber Community Citizenship**

- **The Cyber Community** [Age 5 (US Gr. K)] **CCC**

The i-SAFE character “i-Buddy” is used to introduce the abstract concept of a community on the Internet through interactive hands-on activities. Concept introduced: Students should have adult assistance when using the Internet. Includes: *Activity pages in Spanish*  
*Coordinating music files*

## **MODULE: Personal Safety Online**

- **Personal Information** [Ages 5-7 (US Gr. K-2)] **PSO**

Learners become familiar with concepts of personal information and how to stay safe with an adult’s help when online.

### **Acceptable Use Policies UNIT** [Ages 5-9 (US Gr. K-4)] **PSO**

*Unit of 3 activities (or lessons).* Learners become familiar with what an acceptable use policy is and the rules associated with computer use. Lesson is designed to encourage familiarity with the school’s acceptable use policy:

- Activity 1 – Create a Poster [Ages 5-9 (US Gr. K-4)] **PSO**
- Activity 2 – Create a Brochure [Ages 5-9 (US Gr. K-4)] **PSO**
- Activity 3 – Create a Pledge [Ages 5-9 (US Gr. K-4)] **PSO**

## **MODULE: Cyber Security**

- **Grade K Cyber Security** [Age 5 (US Gr. K)] **CS**

The i-SAFE character “i-Buddy” is used to introduce the abstract concept of the computer virus and to reinforce the concept that students should have adult assistance when using the Internet. Includes: *Activity pages in Spanish*

- **Build a Bulletin Board About Cyber Security** [Ages 5-10 (US Gr. K-5)] **CS**

Empowerment Activity. Students create a bulletin board to reflect their learning about cyber security.

## **MODULE: E-Rate**

- **Grade K Learn about Online Personal Safety Basics** [Age 5 (US Gr. K)] **AOB** **ER**

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

Concept introduction: e-mail

Discuss: How rules of the community such as “Do Not Talk To Strangers” help safety

- **Grade K Identity Basics** [Age 5 (US Gr. K)] **AOB** **ER**

This lesson introduces the concept of identity to the students. Students discuss their offline identity and how it is formed and then begin to develop an understanding of what an online identity is.

- **Super Cyber Buddies** [Age 5-6 (US Gr. K-1) **CB**] **ER** Learners will develop an understanding of the concept of cyber bullying and apply it to their knowledge about the Internet and cyber citizenship. Students will learn vocabulary words associated with bullying and cyber bullying and gain a basic awareness of how bullying can occur online. They also will learn how to disengage from cyber bullies and the value of talking with an adult if bullied online or off. *[lesson is located in "Cyber Bullying" folder]*
- **Online Behavior with Netiquette** [Ages 5-7 (US Gr. K-2) **AOB**] **ER**  
This lesson uses the concept of Cyberspace as a community, where real people interact without being able to actually see each other, to introduce the concept of netiquette use.
- **Basic Concepts of Online Socializing** [Ages 5-7 (US Gr. K-2) **SN**] **ER**  
This lesson explores the connections of social behavior in the physical world with online behaviors and will help students understand that both bad and unsafe behaviors can occur when using the Internet.

# 1<sup>ST</sup> Grade

(Library of 13 Lessons)

## **MODULE: Cyber Community Citizenship**

- **Our Cyber Community** [Age 6 (US Gr. 1)] **CCC**  
The i-SAFE character “i-Buddy” is used to introduce the abstract concept of a community on the Internet and to reinforce the concept that students should have adult assistance when using the Internet. Cyberspace is described as a community that contains places to visit, just like those in the real community. Parents are identified as the primary educators who make rules to keep their children safe when in the physical community and when using computers and the Internet. Includes: *Activity pages in Spanish*
- **NEW Activity to Reinforce a Positive Digital-age Culture** [Ages 6-10 (US Gr. 1-5)] **CCC**  
This activity-based lesson reinforces understanding of a wide variety of e-Safety topics. Students demonstrate their knowledge by developing statements that communicate a safe response to online issues.

## **MODULE: Personal Safety Online**

- **Personal Information** [Ages 5-7 (US Gr. K-2)] **PSO**  
Learners become familiar with concepts of personal information and how to stay safe with an adult’s help when online.

### **Acceptable Use Policies UNIT** [Ages 5-9 (US Gr. K-4)] **PSO**

*Unit of 3 activities (or lessons).* Learners become familiar with what an acceptable use policy is and the rules associated with computer use. Lesson is designed to encourage familiarity with the school’s acceptable use policy:

- Activity 1 – Create a Poster [Ages 5-9 (US Gr. K-4)] **PSO**
- Activity 2 – Create a Brochure [Ages 5-9 (US Gr. K-4)] **PSO**
- Activity 3 – Create a Pledge [Ages 5-9 (US Gr. K-4)] **PSO**

## **MODULE: Cyber Security**

- **Grade 1 Cyber Security: E-mail Safety Basics** [Age 6 (US Gr. 1)] **CS**  
Grade K concepts are introduced and built upon by introducing new terminology and discussion. Concept introduction: A computer virus is a computer program.  
Includes: *Activity pages in Spanish*
- **Build a Bulletin Board About Cyber Security** [Ages 5-10 (US Gr. K-5)] **CS**  
Empowerment Activity. Students create a bulletin board to reflect their learning about cyber security.

## **MODULE: E-Rate**

- **Grade 1 Online Identity Primer** [Age 6 (US Gr. 1)] **AOB] ER**  
This lesson introduces the concept of identity to the students. Students discuss their offline identity and how it is formed and then begin to develop an understanding of what an online identity is.

- **Grade 1 Safety with Online Personal Information** [Age 6 (US Gr. 1) **AOB**] **ER**  
Grade K concepts are introduced and built upon by introducing the following: Terminology introduction and discussion (age-appropriate strategies for uncomfortable situations, and introduction of Internet safety tips).
- **Super Cyber Buddies** [Age 5-6 (US Gr. K-1) **CB**] **ER** Learners will develop an understanding of the concept of cyber bullying and apply it to their knowledge about the Internet and cyber citizenship. Students will learn vocabulary words associated with bullying and cyber bullying and gain a basic awareness of how bullying can occur online. They also will learn how to disengage from cyber bullies and the value of talking with an adult if bullied online or off.  
*[lesson is located in "Cyber Bullying" folder]*
- **Online Behavior with Netiquette** [Ages 5-7 (US Gr. K-2) **AOB**] **ER**  
This lesson uses the concept of Cyberspace as a community, where real people interact without being able to actually see each other, to introduce the concept of netiquette use.
- **Basic Concepts of Online Socializing** [Ages 5-7 (US Gr. K-2) **SN**] **ER**  
This lesson explores the connections of social behavior in the physical world with online behaviors and will help students understand that both bad and unsafe behaviors can occur when using the Internet.



- **Grade 2 What Is An Online Identity?** [Age 7 (US Gr. 2) **AOB**] **ER**  
This lesson introduces the concept of identity to students. Students discuss their offline identity and how it is formed and then talk about how an online identity can be formed.
- **Grade 2 Cyber Buddies NOT Bullies** [Age 7 (US Gr. 2) **CB**] **ER**  
Students will engage in a fun activity that demonstrates we all are alike in many ways but also unique. This activity will be followed by a group discussion, moderated by the teacher, during which students will use vocabulary words associated with bullying and cyber bullying and gain a basic awareness of how bullying can occur online. [*lesson is located in "Cyber Bullying" folder*]
- **Online Behavior with Netiquette** [Ages 5-7 (US Gr. K-2) **AOB**] **ER**  
This lesson uses the concept of Cyberspace as a community, where real people interact without being able to actually see each other, to introduce the concept of netiquette use.
- **Basic Concepts of Online Socializing** [Ages 5-7 (US Gr. K-2) **SN**] **ER**  
This lesson explores the connections of social behavior in the physical world with online behaviors and will help students understand that both bad and unsafe behaviors can occur when using the Internet.

# 3<sup>rd</sup> Grade

(Library of 34 Lessons)

## **MODULE: Cyber Community Citizenship**

- **NEW Activity to Reinforce a Positive Digital-age Culture** [Ages 6-10 (US Gr. 1-5)] **CCC**  
This activity-based lesson reinforces understanding of a wide variety of e-Safety topics. Students demonstrate their knowledge by developing statements that communicate a safe response to online issues.
- **Places in Cyberspace** [Age 8 (US Gr. 3)] **CCC**  
Age 7 concepts are reviewed and built upon by introducing the following: Places in communities are identified by addresses; An Internet address is called a URL; Age appropriate strategies are introduced on how to exit Web sites; Students complete activities in a mini-booklet to express their ideas and reinforce concepts introduced; and Terminology Introduction and Discussion: Appropriate and inappropriate, and how the terms apply to Internet use.  
Includes: *Activity pages in Spanish*
- **Cyber Citizenship and Safety Online** [Ages 8-9 (US Gr. 3-4)] **CCC**  
This lesson introduces the concept that the Internet is part of an online community that necessitates certain safety rules on the part of participants along with cyber citizenship.  
Includes: *Activity pages in Spanish*

## **MODULE: Personal Safety Online**

### **Acceptable Use Policies UNIT** [Ages 5-9 (US Gr. K-4)] **PSO**

*Unit of 3 activities (or lessons).* Learners become familiar with what an acceptable use policy is and the rules associated with computer use. Lesson is designed to encourage familiarity with the school's acceptable use policy:

- Activity 1 – Create a Poster [Ages 5-9 (US Gr. K-4)] **PSO**
- Activity 2 – Create a Brochure [Ages 5-9 (US Gr. K-4)] **PSO**
- Activity 3 – Create a Pledge [Ages 5-9 (US Gr. K-4)] **PSO**
- **NEW Web-Traveling Independence: Exploration of toy and game-associated Web sites** [Ages 7-9 (US Gr. 2-4)] **PSO**  
Students learn the strategies that toy and game companies use to make sites so attractive to them and they develop strategies to be safer when exploring these types of sites.
- **Online Risks: When Private Goes Public** [Ages 8-9 (US Gr. 3-4)] **PSO**  
This lesson gives students an understanding of how private information can be made public when they engage in seemingly “safe” activities. They will learn techniques to maintain personal information privacy while engaging in online activities.

## **MODULE: Cyber Security**

- **Cyber Security and E-mail Attachments** [Age 8 (US Gr. 3)] **CS**  
Age 7 concepts are introduced and built upon by introducing expanding explanations, vocabulary and age-appropriate computer virus prevention techniques.  
Includes: *Activity pages in Spanish*

- **Build a Bulletin Board About Cyber Security** [Ages 5-10 (US Gr. K-5)] **CS**  
Empowerment Activity. Students create a bulletin board to reflect their learning about cyber security.
- **Security: Malicious Code in E-mail** [Ages 8-9 (US Gr. 3-4)] **CS**  
This lesson focuses on the cyber security issues brought about by e-mail attachments. Students will: Understand the terms and security risks associated with e-mail; Develop a vocabulary related to the topic; Engage in an activity to reinforce concepts by sharing information with others.
- **Spam, Scams, and Phishing** [Ages 8-10 (US Gr. 3-5)] **CS**  
Provides a lesson focus on safety issues brought about by responses to risky e-mails, and age-appropriately addresses the actual security risks associated with these types of messages and associated safety rules. Includes: *Activity pages in Spanish*
- **NEW Fairy Tales with a 21st Century Twist** [Ages 8-11 (US Gr. 3-6)] **CS**  
The Pig Family story examines cyber security issues.

### **MODULE: Cyber Predator Identification**

- **Cyber Predator Awareness** [Ages 8-10 US Gr. 3-5] **CPI**  
Lesson introduces students to the grooming process.
- **NEW Fairy Tales with a 21st Century Twist** [Ages 8-11 (US Gr. 3-6)] **CPI**  
An exploration of cyber safety issues through “twists” in familiar fairy tales. The Story of Little Red promotes understanding of online friendships and predators.

### **MODULE: Intellectual Property**

#### **Creativity in the Classroom: Creative Ownership & Copyright UNIT** [Age 8 (US Gr. 3)] **IP**

*Unit of 7 lessons.* A look at creative ownership and development – closer look at patents, copyrights, trademarks, and more:

- The Value of Creativity [Age 8 (US Gr. 3)] **IP**
- What’s In A Symbol? [Age 8 (US Gr. 3)] **IP**
- Vocabulary Reinforcement [Age 8 (US Gr. 3)] **IP**
- Create It – Copyright It [Age 8 (US Gr. 3)] **IP**
- i-Buddy Vocabulary Game [Age 8 (US Gr. 3)] **IP**
- Copyright is Kewl PowerPoint Based Lesson. [Age 8 (US Gr. 3)] **IP**  
Includes: *Coordinating PowerPoint*
- Originally Ours! Copyright Collages [Age 8 (US Gr. 3)] **IP**  
Includes: *IP Vocab Game*

-- End of Unit --

#### **Grade 3 Intellectual Property UNIT** [Age 8 (US Gr. 3)] **IP**

*Unit of 4 lessons.* The i-SAFE characters “i-Buddy” and “Donny the Downloader” are used to introduce the concept of Intellectual Property through age appropriate definitions and a comparison of tangible property to Internet property:

- Intellectual Property Overview [Age 8 (US Gr. 3)] **IP**
- Vocabulary Review [Age 8 (US Gr. 3)] **IP**

- Introduction to Piracy [Age 8 (US Gr. 3)] **IP**
- Be Responsible with Intellectual Property [Age 8 (US Gr. 3)] **IP**

Includes: *IP Vocab Game*  
*IP Phrases Game*

-- End of Unit --

## **MODULE: E-Rate**

- **Cyber Bullying** [Age 8 (US Gr. 3) **CB**] **ER**  
The concepts of cyber bullying and kindness online are introduced through a focus on relating these online behaviors to behaviors in the physical world. Netiquette is introduced. Students identify courses of action and resources.
- **Safety For The Interactive Web** [Age 8 (US Gr. 3) **CB**] **ER**  
Learners will develop an understanding of the need to make responsible choices to ensure personal safety when using the Internet. Students will learn more about Web 2.0 and corresponding safety tips.
-  **Fairy Tales with a 21st Century Twist** [Ages 8-11 (US Gr. 3-6) **CB**] **ER**  
Uma Duck a.k.a. UGLY is a story about cyber bullying and the potential advantages of online networking.
- **Creating A Positive Online Identity** [Age 8 (US Gr. 3) **AOB**] **ER**  
This lesson introduces the concept of identity to the students. Students discuss their offline identity and how it is formed and then talk about how an online identity can be formed.
- **Cyber Citizenship and Safety Online** [Ages 8-9 (US Gr. 3-4) **AOB**] **ER**  
This lesson introduces the concept that the Internet is part of an online community which necessitates certain safety rules on the part of participants along with cyber citizenship.
- **Inappropriate Web Sites** [Ages 8-10 (US Gr. 3-5) **SN**] **ER**  
Introduces the concept that the Internet is part of an online community with appropriate and inappropriate places.
- **Safeguards in Social Networking for School-Age Children: Identifying Safe Sites** [Ages 8-10 (US Gr. 3-5) **SN**] **ER**  
This lesson explores the latest developments in social networking sites for elementary-age children. Students will age-appropriately learn about legal safeguards for youth online and will recognize basic techniques that the safest sites use to provide safe online experiences.
- **Text Messaging Safety** [Ages 8-11 (US Gr. 3-6) **SN**] **ER**  
Introduction to specific text messaging and its associated safety strategies (including cell phones).

# 4<sup>th</sup> Grade

(Library of 32 Lessons)

## **MODULE: Cyber Community Citizenship**

- **NEW Activity to Reinforce a Positive Digital-age Culture** [Ages 6-10 (US Gr. 1-5)] **CCC**  
This activity-based lesson reinforces understanding of a wide variety of e-Safety topics. Students demonstrate their knowledge by developing statements that communicate a safe response to online issues.
- **Cyber Citizenship and Safety Online** [Ages 8-9 (US Gr. 3-4)] **CCC**  
This lesson introduces the concept that the Internet is part of an online community that necessitates certain safety rules on the part of participants along with cyber citizenship.  
Includes: *Activity pages in Spanish*
- **Netiquette In The Cyber Community** [Age 9 (US Gr. 4)] **CCC**  
Age 8 concepts are reviewed and built upon by introducing the following: Definitions for inappropriate e-mails; Age appropriate strategies to handle inappropriate e-mail; Students express their ideas and reinforce concepts introduced; Concept introduction: Inappropriate Web sites can be fixed so that responsible cyber citizens cannot get out of them very easily.  
Includes: *Activity pages in Spanish*

## **MODULE: Personal Safety Online**

### **Acceptable Use Policies UNIT** [Ages 5-9 (US Gr. K-4)] **PSO**

*Unit of 3 activities (or lessons).* Learners become familiar with what an acceptable use policy is and the rules associated with computer use. Lesson is designed to encourage familiarity with the school's acceptable use policy:

- Activity 1 – Create a Poster [Ages 5-9 (US Gr. K-4)] **PSO**
- Activity 2 – Create a Brochure [Ages 5-9 (US Gr. K-4)] **PSO**
- Activity 3 – Create a Pledge [Ages 5-9 (US Gr. K-4)] **PSO**
- **NEW Web-Traveling Independence: Exploration of toy and game-associated Web sites** [Ages 7-9 (US Gr. 2-4)] **PSO**  
Students learn the strategies that toy and game companies use to make sites so attractive to them and they develop strategies to be safer when exploring these types of sites.
- **Online Risks: When Private Goes Public** [Ages 8-9 (US Gr. 3-4)] **PSO**  
This lesson gives students an understanding of how private information can be made public when they engage in seemingly “safe” activities. They will learn techniques to maintain personal information privacy while engaging in online activities.

## **MODULE: Cyber Security**

- **Build a Bulletin Board About Cyber Security** [Ages 5-10 (US Gr. K-5)] **CS**  
Empowerment Activity. Students create a bulletin board to reflect their learning about cyber security.

- **Security: Malicious Code in E-mail** [Ages 8-9 (US Gr. 3-4)] **CS**  
This lesson focuses on the cyber security issues brought about by e-mail attachments. Students will: Understand the terms and security risks associated with e-mail; Develop a vocabulary related to the topic; Engage in an activity to reinforce concepts by sharing information with others.
- **Spam, Scams, and Phishing** [Ages 8-10 (US Gr. 3-5)] **CS**  
Provides a lesson focus on safety issues brought about by responses to risky e-mails, and age-appropriately addresses the actual security risks associated with these types of messages and associated safety rules. Includes: *Activity pages in Spanish*
- **NEW** **Fairy Tales with a 21st Century Twist** [Ages 8-11 (US Gr. 3-6)] **CS**  
The Pig Family story examines cyber security issues.

### **MODULE: Cyber Predator Identification**

- **Cyber Predator Awareness** [Ages 8-10 US Gr. 3-5] **CPI**  
Lesson introduces students to the grooming process.
- **NEW** **Fairy Tales with a 21st Century Twist** [Ages 8-11 (US Gr. 3-6)] **CPI**  
An exploration of cyber safety issues through “twists” in familiar fairy tales. The Story of Little Red promotes understanding of online friendships and predators.

### **MODULE: Intellectual Property**

#### **Grade 4 Intellectual Property UNIT** [Age 9 (US Gr. 4)] **IP**

*Unit of 4 lessons.* An introduction to the concept of Intellectual Property is used to develop an age appropriate understanding of how students can use online intellectual property correctly:

- Intellectual Property [Age 9 (US Gr. 4)] **IP**
- Vocabulary Review [Age 9 (US Gr. 4)] **IP**
- Introduction to Piracy [Age 9 (US Gr. 4)] **IP**
- Cite Your Source Responsibly [Age 9 (US Gr. 4)] **IP**

Includes: *IP Vocab Game*  
*IP Phrases Game*

-- End of Unit --

**Creativity in the Classroom: Creative Ownership & Copyright UNIT** [Age 9 (US Gr. 4)] **IP** *Unit of 7 lessons.* A look at creative ownership and development – closer look at patents, copyrights, trademarks, and more:

- Respect and Online Property [Age 9 (US Gr. 4)] **IP**
- Copyright Know-How [Age 9 (US Gr. 4)] **IP**
- Vocabulary Reinforcement [Age 9 (US Gr. 4)] **IP**
- Make a Big Book [Age 9 (US Gr. 4)] **IP**
- Create It – Copyright It! [Age 9 (US Gr. 4)] **IP**
- i-Buddy Vocabulary Game [Age 9 (US Gr. 4)] **IP**
- Copyright is Kewl PowerPoint Based Lesson [Age 9 (US Gr. 4)] **IP**

Includes: *IP Vocab Game*


## **MODULE: E-Rate**

- **NEW Fairy Tales with a 21st Century Twist** [Ages 8-11 (US Gr. 3-6) **CB**] **ER**  
Uma Duck a.k.a. UGLY is a story about cyber bullying and the potential advantages of online networking.
- **Cyber Bullying** [Age 9 (US Gr. 4) **CB**] **ER**  
The concepts of cyber bullying and kindness online are introduced with a focus on Netiquette. Students identify courses of action and resources.
- **Keeping It Personal** [Age 9 (US Gr. 4) **AOB**] **ER**  
Information about online personal safety is covered by: Developing an understanding of the terms profile and personal information; Identifying that posted personal information posted to the Internet is public and that doing so can be unsafe.
- **Cyber Citizenship and Safety Online** [Ages 8-9 (US Gr. 3-4) **AOB**] **ER**  
This lesson introduces the concept that the Internet is part of an online community which necessitates certain safety rules on the part of participants along with cyber citizenship.
- **Inappropriate Web Sites** [Ages 8-10 (US Gr. 3-5) **SN**] **ER**  
Introduces the concept that the Internet is part of an online community with appropriate and inappropriate places.
- **Safeguards in Social Networking for School-Age Children: Identifying Safe Sites** [Ages 8-10 (US Gr. 3-5) **SN**] **ER**  
This lesson explores the latest developments in social networking sites for elementary-age children. Students will age-appropriately learn about legal safeguards for youth online and will recognize basic techniques that the safest sites use to provide safe online experiences.
- **Text Messaging Safety** [Ages 8-11 (US Gr. 3-6) **SN**] **ER**  
Introduction to specific text messaging and its associated safety strategies (including cell phones).

# 5<sup>th</sup> Grade

(Library of 69 Lessons)

## **MODULE: Cyber Community Citizenship**

- **Activity to Reinforce a Positive Digital-age Culture** [Ages 6-10 (US Gr. 1-5)] **CCC**  
This activity-based lesson reinforces understanding of a wide variety of e-Safety topics. Students demonstrate their knowledge by developing statements that communicate a safe response to online issues.
- **Cyber Community Citizenship** [Age 10 (US Gr. 5)] **CCC**  
Students will develop a comprehensive understanding of the concept of community and its application to the Internet. Student activities include: Creation of map/poster of places in community; Comparison of physical and cyber community.  
Includes:     *Webpage Activity*  
                  *Activity pages in Spanish*
-  **Textiquette Basics** [Ages 10-12 (US Gr. 5-7)] **CCC**  
Students will understand appropriate versus inappropriate behaviors in text messaging by learning social manners for using mobile devices – etiquette for cell phone messaging (textiquette).
- **Negative Networking: A Look At Gangs Online** [Ages 10-13 (US Gr. 5-8)] **CCC**  
Learners develop an understanding of ways the Internet can be used to have a negative impact on society such as its use by gangs to network. Includes:     *Activity pages in Spanish*

## **UNIT: Our Cultural Awareness Series 1: Hawaii** [Ages 10-13 (Grades 5-8)] **CCC**

*Unit of 3 lessons. A cultural approach to online safety:*

- Hawaii Cultural 1 – Our Cultural Awareness and Cyber Safety Issues of Respect – Ho’ihi
- Hawaii Cultural 2 – Our Cultural Awareness and Cyber Safety Worlds of Friendship
- Hawaii Cultural 3 – Our Cultural Awareness and Cyber Safety Making Connections

Includes: *Audio file (song) “Ma Ka Punaiwele”*

## **MODULE: Personal Safety Online**

- **Protecting Personal Information** [Ages 10-11 (US Gr. 5-6)] **PSO**  
Students will learn how to interact more safely online by being aware of the types of personal information they are revealing online.
- **Choosing Safe Screen Names and Passwords** [Ages 10-11 (US Gr. 5-6)] **PSO**  
Learners will understand that information revealed online, such as in screen names and passwords, can be used in inappropriate ways by others.

## **Substance Abuse Issues In An Online Culture (Workbook)** [Ages 10-13 (US Gr. 5-8)] **PSO**

*Unit of 7 lessons. Learners will learn how peer pressure works online and how drug companies market online; Information on the underground network and risks associated, etc. (NOTE: The lessons in this unit are the same lessons in the unit for grades 9-12 but the activities associated with the lessons are different and are age appropriate for grades 5-8):*

- Understanding Substance Abuse Concerns [Ages 10-13 (US Gr. 5-8)] **PSO**

- **Sorting It Out: Misuse of Prescription Drugs and OTCs [Ages 10-13 (US Gr. 5-8)] PSO**
- **Medical and Pharmaceutical Information Online [Ages 10-13 (US Gr. 5-8)] PSO**
- **Peer Pressure Online [Ages 10-13 (US Gr. 5-8)] PSO**
- **Online Advertising [Ages 10-13 (US Gr. 5-8)] PSO**
- **The Online Drug Culture and Social Networking [Ages 10-13 (US Gr. 5-8)] PSO**
- **Enrichment Activity – Wrap It Up! [Ages 10-13 (US Gr. 5-8)] PSO**

Includes: *Teacher Guide (Workbook)*

-- End of Workbook Unit --

- **Online Shopping Risks [Ages 10-13 (US Gr. 5-8)] PSO**  
Supplemental lesson/activity to the Personal Safety core Module. Investigates safety and security issues surrounding online shopping.

### **Cell Phone UNIT [Ages 10-13 (US Gr. 5-8)] PSO**

*Unit of 7 lessons.* Students will learn about risks associated with cell phone use such as sexting, cell harassment, correct cell usage, etc.:

- **Cell Phone Basics [Ages 10-13 (US Gr. 5-8)] PSO**
- **Cell Phone Safety – Text Messaging [Ages 10-13 (US Gr. 5-8)] PSO**
- **Cell Phone Safety – Cell Phone Photos/Sexting [Ages 10-13 (US Gr. 5-8)] PSO**
- **Cell Phone Safety – Harassment [Ages 10-13 (US Gr. 5-8)] PSO**
- **Cell Phones and Mobility [Ages 10-13 (US Gr. 5-8)] PSO**
- **Cell Phones and School – School Considerations/Cheating [Ages 10-13 (US Gr. 5-8)] PSO**
- **Wrap up and Review [Ages 10-13 (US Gr. 5-8)] PSO**

-- End of Unit --

### **Acceptable Use Policies UNIT [Ages 10-17 (US Gr. 5-12)] PSO**

*Unit of 2 lessons* (with activities) designed to encourage familiarity with the school's acceptable use policy:

- **Know Your Code of Conduct [Ages 10-17 (US Gr. 5-12)] PSO**
- **Learn About Acceptable Use Policies (AUP) [Ages 10-17 (US Gr. 5-12)] PSO**

## **MODULE: Cyber Security**

- **Computer Security Basics [Age 10 (US Gr. 5)] CS**  
Through discussion and interactive activities, students will: Develop an understanding of the vocabulary terms *malware* and *malicious code*; Develop an understanding of proper e-mail protocol and the necessity of using caution when opening e-mail to protect compute security.  
Includes: *HTML Activity*
- **Activity: How Malicious Code Spreads [Age 10 (US Gr. 5)] CS**  
Students participate in a fun game to learn how malicious code spreads.
- **Build a Bulletin Board About Cyber Security [Ages 5-10 (US Gr. K-5)] CS**  
Empowerment Activity. Students create a bulletin board to reflect their learning about cyber security.

- **Spam, Scams, and Phishing** [Ages 8-10 (US Gr. 3-5)] **CS**  
Provides a lesson focus on safety issues brought about by responses to risky e-mails, and age-appropriately addresses the actual security risks associated with these types of messages and associated safety rules. Includes: *Activity pages in Spanish*
- **NEW Fairy Tales with a 21st Century Twist** [Ages 8-11 (US Gr. 3-6)] **CS**  
The Pig Family story examines cyber security issues.
- **Risks of Spyware** [Ages 10-11 (US Gr. 5-6)] **CS**  
Review the security risks associated with downloading items online; develop understanding of the term spyware and the types of programs it applies to and how it can compromise personal information.

### **MODULE: Cyber Predator Identification**

- **Identifying Online Predators** [Age 10 (US Gr. 5)] **CPI**  
A facilitated PowerPoint lesson that investigates and identifies key concepts associated with responsible and safe online interaction; focuses on issues associated with Internet predators including key characteristics of suspicious online communication, the grooming process and proactive techniques to reduce risk. Includes: *Coordinating PowerPoint Activity pages in Spanish*
- **Cyber Predator Awareness** [Ages 8-10 US Gr. 3-5] **CPI**  
Lesson introduces students to the grooming process.
- **NEW Fairy Tales with a 21st Century Twist** [Ages 8-11 (US Gr. 3-6)] **CPI**  
An exploration of cyber safety issues through “twists” in familiar fairy tales. The Story of Little Red promotes understanding of online friendships and predators.

### **MODULE: Intellectual Property**

#### **Intellectual Property UNIT – Featuring Donny the Downloader** [Age 10 (US Gr. 5)] **IP**

*Unit of 6 lessons* (plus activities and games). Students develop an understanding of the concept of intellectual property and responsible use through student activities that include: Cartoon featuring Donny the Downloader; i-Buddy hangman game; and Development and broadcast of a public service announcement:

- Intellectual Property has Value [Age 10 (US Gr. 5)] **IP**
- Intellectual Property Vocabulary Practice [Age 10 (US Gr. 5)] **IP**
- Piracy Primer [Age 10 (US Gr. 5)] **IP**
- Plagiarism Essentials [Age 10 (US Gr. 5)] **IP**
- Cite Your Sources [Age 10 (US Gr. 5)] **IP**
- Let’s Talk About Intellectual Property [Age 10 (US Gr. 5)] **IP**  
(Review PowerPoint lesson featuring Donny the Downloader)  
Includes: *Coordinating PowerPoint*

-- End of Unit --

#### **Creativity in the Classroom UNIT** [Age 10 (US Gr. 5)] **IP**

*Unit of 6 lessons.* Creative works have the power to convey important messages to others. This unit age-appropriately explores the power of storytelling in enabling people of all ages to reflect

on, and discuss, important social issues. In a selection of lessons and activities, the stories of Dr. Seuss are used as examples to examine the concepts of intellectual property and creativity and the significance of the protections that copyrights provide for creative material:

- Copyright in Action [Age 10 (US Gr. 5)] **IP**
- Making Copyright Count [Age 10 (US Gr. 5)] **IP**
- Copyright Terminology [Age 10 (US Gr. 5)] **IP**
- Copyright Can Do PowerPoint [Age 10 (US Gr. 5)] **IP**
- Power of Copyright [Age 10 (US Gr. 5)] **IP**
- Building a Bulletin Board About Copyright [Age 10 (US Gr. 5)] **IP**

-- End of Unit --

### **MODULE: Digital Literacy**

- **Digital Literacy Connections: Webcams in Our World** [Ages 10-11 (US Gr. 5-6)] **DL**  
This lesson connects the concepts of beneficial webcam usage and digital literacy among users.
- **Current Events: Media and Society** [Ages 10-13 (US Gr. 5-8)] **DL**  
This current events lesson covers topics associated with media literacy in conjunction with election year media coverage. Students will develop an awareness of how media affects current events and societal perceptions and how candidates use this to their advantage. In addition students learn how to discern fact from opinion.
- **Introduction to Media Literacy** [Ages 10-13 (US Gr. 5-8)] **DL**  
Learners will understand the term “media literacy,” identify types of media involved and understand the importance of media literacy.
- **The Power of Media** [Ages 10-13 (US Gr. 5-8)] **DL**  
Learners will understand the power the media has in changing perceptions and behavior and acknowledge how youth can utilize the media to make a difference in issues that matter to them.
- **Web Site Validity and Reliability** [Ages 10-13 (US Gr. 5-8)] **DL**  
Learners will understand the term validity, the right to freedom of speech and how online resources are not always well balanced and fair.

### **MODULE: Outreach, Empowerment, Review, and Integrated Curriculum**

- **Integrated Literacy: Community** [Ages 10 (US Gr. 5)] **OER**  
A review of Internet safety topics is accomplished through the completion of language arts projects. Includes: *Activity pages in Spanish*  
*Optional PowerPoint*

### **MODULE: E-Rate**

#### **Grade 5 Online Personal Safety UNIT** [Age 10 (US Gr. 5) **AOB**] **ER**

*Unit of 4 lessons* designed to be taught as a complete unit; but, these lessons also can be taught individually:


Includes: *PowerPoint*

- **Safeguarding Your Identity While Online** [Age 10 (US Gr. 5) **AOB**] **ER**  
A variety of interactive activities will enable students to: State the risks in choosing an unsafe username; Classify the types of personal information that should be avoided in constructing a safe username; Rank and order usernames based on what they reveal about users; Assess the risks in choosing an unsafe password; Identify strategies for making passwords safe; Demonstrate that they can choose a safe and secure password and user name.

Includes: *HTML Activity*

- **Protecting Personal Information** [Age 10 (US Gr. 5) **AOB**] **ER**  
Students will engage in class discussion, brainstorming, completion of a cause/effect chart, and development of scenarios to demonstrate understanding of: Anyone met exclusively online is a stranger; How to respond appropriately to Internet strangers; The risks of providing too much personal information in online profiles and forms.
- **Online Predators and the Grooming Process** [Age 10 (US Gr. 5) **AOB**] **ER**  
Provides an in-depth investigation into the concept of providing indirect information.
- **Grade 5 Online Personal Safety Review and Action** [Age 10 (US Gr. 5) **AOB**] **ER**  
Review activities to reinforce personal safety unit concepts.

-- End of Unit --

-  **Fairy Tales with a 21st Century Twist** [Ages 8-11 (US Gr. 3-6) **CB**] **ER**  
Uma Duck a.k.a. UGLY is a story about cyber bullying and the potential advantages of online networking.
- **Grade 5: Cyber Bullying** [Age 10 (US Gr. 5) **CB**] **ER**  
Students investigate and identify key concepts associated with cyber bullying and learn strategies to avoid it. Enrichment goal: Make a display to provide anti-cyber bullying awareness information to students of the school.
- **Inappropriate Web Sites** [Ages 8-10 (US Gr. 3-5) **SN**] **ER**  
Introduces the concept that the Internet is part of an online community with appropriate and inappropriate places.
- **Safeguards in Social Networking for School-Age Children: Identifying Safe Sites** [Ages 8-10 (US Gr. 3-5) **SN**] **ER**  
This lesson explores the latest developments in social networking sites for elementary-age children. Students will age-appropriately learn about legal safeguards for youth online and will recognize basic techniques that the safest sites use to provide safe online experiences.
- **Text Messaging Safety** [Ages 8-11 (US Gr. 3-6) **SN**] **ER**  
Introduction to specific text messaging and its associated safety strategies (including cell phones).
- **Sharing and Intellectual Property** [Ages 10-11 (US Gr. 5-6) **SN**] **ER**  
Using the character Donny the Downloader, students gain an understanding of intellectual property rights as they apply to social networking activity [*lesson is located in "Social Networking" folder*].

- **Safe Web Site Design** [Ages 10-13 (US Gr. 5-8) **SN**] **ER**  
Learners develop a comprehensive understanding of safety tips to remember when designing and building their own Web sites. Includes: *Coordinating PowerPoint*  
*HTML Activity*  
*Activity page in Spanish*
- **Social Networking In Online Communities** [Ages 10-13 (US Gr. 5-8) **SN**] **ER**  
An investigation of the current trends in usage of social networking sites, safety strategies for social networking, and the positive uses of these activities.

**UNIT Identity Safety** [Ages 10-13 (US Gr. 5-8) **SN**] **ER**

*Unit of 3 lessons.* Comprehensive unit looking at one's online identity; how an online identity is formed, etc.:

- Forming An Identity Online [Ages 10-13 (US Gr. 5-8) **SN**] **ER**
- When Online Identity Mistakes Are Safety Risks [Ages 10-13 (US Gr. 5-8) **SN**] **ER**
- From Identity Mistakes to Security Risks [Ages 10-13 (US Gr. 5-8) **SN**] **ER**  
*-- End of Unit --*
- **Web Logs: A Positive Approach to Blogging** [Ages 10-13 (US Gr. 5-8) **SN**] **ER**  
The concepts of personal Web logs (blogging) and relevant safety issues are introduced.  
Includes: *PowerPoint*

# 6<sup>th</sup> Grade

(Library of 74 Lessons)

## **MODULE: Cyber Community Citizenship**

- **Cyber Community Citizenship** [Age 11 (US Gr. 6)] **CCC**  
Students will develop a comprehensive understanding of the concept of community and its application to the Internet. Student activities include: Class discussion; Venn diagram activity; Development of posters. Includes: *Coordinating PowerPoint*  
*HTML Activity*  
*Activity pages in Spanish*
- **NEW** **Textiquette Basics** [Ages 10-12 (US Gr. 5-7)] **CCC**  
Students will understand appropriate versus inappropriate behaviors in text messaging by learning social manners for using mobile devices – etiquette for cell phone messaging (textiquette).
- **Negative Networking: A Look At Gangs Online** [Ages 10-13 (US Gr. 5-8)] **CCC**  
Learners develop an understanding of ways the Internet can be used to have a negative impact on society such as its use by gangs to network. Includes: *Activity pages in Spanish*

## **UNIT: Our Cultural Awareness Series 1: Hawaii** [Ages 10-13 (Grades 5-8)] **CCC**

*Unit of 3 lessons. A cultural approach to online safety:*

- Hawaii Cultural 1 – Our Cultural Awareness and Cyber Safety Issues of Respect – Ho’ihi
- Hawaii Cultural 2 – Our Cultural Awareness and Cyber Safety Worlds of Friendship
- Hawaii Cultural 3 – Our Cultural Awareness and Cyber Safety Making Connections

Includes: *Audio file (song) “Ma Ka Punaiwele”*

*-- End of Unit --*

- **Roles on the Internet** [Ages 11-13 (US Gr. 6-8)] **CCC**  
Individuals engage digital media activities in many different capacities or roles (e.g., observer, creator, shopper, researcher, worker, gamer, consumer, explorer, friend, messenger, etc.). Community, whether digital or physical, always delimits the character and boundaries of our actions and interactions. Students will identify various online roles, describe how these roles were performed prior to the creation of the Internet, and discuss how citizenship is necessary component of civil cyber community online.
- **Safety In Online Gaming** [Ages 11-18 (US Gr. 6-12)] **CCC**  
Learners will understand the safety and security risks associated with online gaming and develop an action plan for informing others of how to play online safely.

## **MODULE: Personal Safety Online**

- **Protecting Personal Information** [Ages 10-11 (US Gr. 5-6)] **PSO**  
Students will learn how to interact more safely online by being aware of the types of personal information they are revealing online.
- **Choosing Safe Screen Names and Passwords** [Ages 10-11 (US Gr. 5-6)] **PSO**  
Learners will understand that information revealed online, such as in screen names and passwords, can be used in inappropriate ways by others.

**Substance Abuse Issues In An Online Culture (Workbook)** [Ages 10-13 (US Gr. 5-8)] **PSO**  
*Unit of 7 lessons.* Learners will learn how peer pressure works online and how drug companies market online; Information on the underground network and risks associated, etc. (NOTE: The lessons are the same as for grades 9-12 but the activities are age appropriate for grades 5-8):

- Understanding Substance Abuse Concerns [Ages 10-13 (US Gr. 5-8)] **PSO**
- Sorting It Out: Misuse of Prescription Drugs and OTCs [Ages 10-13 (US Gr. 5-8)] **PSO**
- Medical and Pharmaceutical Information Online [Ages 10-13 (US Gr. 5-8)] **PSO**
- Peer Pressure Online [Ages 10-13 (US Gr. 5-8)] **PSO**
- Online Advertising [Ages 10-13 (US Gr. 5-8)] **PSO**
- The Online Drug Culture and Social Networking [Ages 10-13 (US Gr. 5-8)] **PSO**
- Enrichment Activity – Wrap It Up! [Ages 10-13 (US Gr. 5-8)] **PSO**

Includes: *Teacher Guide (Workbook)*

*-- End of Workbook Unit --*

- **Online Shopping Risks** [Ages 10-13 (US Gr. 5-8)] **PSO**  
Supplemental lesson/activity to the Personal Safety core Module. Investigates safety and security issues surrounding online shopping.

**Cell Phone UNIT** [Ages 10-13 (US Gr. 5-8)] **PSO**

*Unit of 7 lessons.* Students will learn about risks associated with cell phone use such as sexting, cell harassment, correct cell usage, etc.:

- Cell Phone Basics [Ages 10-13 (US Gr. 5-8)] **PSO**
- Cell Phone Safety – Text Messaging [Ages 10-13 (US Gr. 5-8)] **PSO**
- Cell Phone Safety – Cell Phone Photos/Sexting [Ages 10-13 (US Gr. 5-8)] **PSO**
- Cell Phone Safety – Harassment [Ages 10-13 (US Gr. 5-8)] **PSO**
- Cell Phones and Mobility [Ages 10-13 (US Gr. 5-8)] **PSO**
- Cell Phones and School – School Considerations/Cheating [Ages 10-13 (US Gr. 5-8)] **PSO**
- Wrap up and Review [Ages 10-13 (US Gr. 5-8)] **PSO**

*-- End of Unit --*

**Acceptable Use Policies UNIT** [Ages 10-17 (US Gr. 5-12)] **PSO**

*Unit of 2 lessons* (with activities) designed to encourage familiarity with the school's AUP:

- Know Your Code of Conduct [Ages 10-17 (US Gr. 5-12)] **PSO**
- Learn About Acceptable Use Policies (AUP) [Ages 10-17 (US Gr. 5-12)] **PSO**

*-- End of Unit --*

- **Legal Trends in Cyber Safety and Security** [Ages 11-13 (US Gr. 6-8)] **PSO**  
Investigates current legal trends concerning the Internet.

## **MODULE: Cyber Security**

**Cyber Security UNIT** [Age 11 (US Gr. 6)] **CS**

*Unit of 4 lessons.* Through discussion and interactive activities, students will better understand how to protect their computer security:

- Cyber Security and E-mail Protocol [Age 11 (US Gr. 6)] **CS**
- Risks of Spyware [Age 11 (US Gr. 6)] **CS**
- Spam Scams [Age 11 (US Gr. 6)] **CS**

- Cyber Security Review PowerPoint lesson [Age 11 (US Gr. 6)] **CS**

Includes: *Coordinating PowerPoint*  
*HTML Activity*

-- End of Unit --

- **NEW** **Fairy Tales with a 21st Century Twist** [Ages 8-11 (US Gr. 3-6)] **CS**

The Pig Family story examines cyber security issues.

- **Risks of Spyware** [Ages 10-11 (US Gr. 5-6)] **CS**

Review the security risks associated with downloading items online; develop understanding of the term spyware and the types of programs it applies to and how it can compromise personal information.

### **MODULE: Cyber Predator Identification**

- **Identifying Online Predators** [Age 11 (US Gr. 6)] **CPI**

A facilitated PowerPoint lesson, that investigates and identifies key concepts associated with responsible and safe online interaction, with a focus on issues associated with Internet predators including key characteristics of suspicious online communication, the grooming process and proactive techniques to reduce risk. Includes: *Activity pages in Spanish*  
*Coordinating PowerPoint*

- **NEW** **Fairy Tales with a 21st Century Twist** [Ages 8-11 (US Gr. 3-6)] **CPI**

An exploration of cyber safety issues through “twists” in familiar fairy tales. The Story of Little Red promotes understanding of online friendships and predators.

- **Avoiding Online Predators** [Ages 11-13 (US Gr. 6-8)] **CPI**

A facilitated PowerPoint lesson that introduces students to the grooming process.  
Includes: *Coordinating PowerPoint*

### **MODULE: Intellectual Property**

**Intellectual Property Basics UNIT – Featuring Donny the Downloader** [Age 11 (US Gr. 6)] **IP**  
*Unit of 6 lessons.* Students will engage in activities that will enable them to: Make a distinction between tangible property and intellectual property; Identify copyrighted materials as tangible works that are protected from being copied, distributed, performed, or changed without the creator’s/or owner’s permission; Relate the concepts of intellectual property to relevant available online materials such as music, videos and software; Create slogans to inform others about what students have learned:

- Intellectual Property Basics with Donny the Downloader [Age 11 (US Gr. 6)] **IP**  
Includes: *HTML activity*  
*Activity page in Spanish*
- Music Makers – Unknown Victims [Age 11 (US Gr. 6)] **IP**
- Plagiarism and the World Wide Web [Age 11 (US Gr. 6)] **IP**
- Cite Your Sources [Age 11 (US Gr. 6)] **IP**
- Let’s Talk About Intellectual Property [Age 11 (US Gr. 6)] **IP**  
(Review PowerPoint lesson featuring Donny the Downloader)  
Includes: *Coordinating PowerPoint*

- Donny the Downloader on All About Piracy PowerPoint [Age 11 (US Gr. 6)] IP  
Includes: *Coordinating PowerPoint*

-- End of Unit --

### **MODULE: Digital Literacy**

- **Digital Literacy Connections: Our Webcams in World** [Ages 10-11 (US Gr. 5-6)] DL  
This lesson connects the concepts of beneficial webcam usage and digital literacy among users.
- **Current Events: Media and Society** [Ages 10-13 (US Gr. 5-8)] DL  
This current events lesson covers topics associated with media literacy in conjunction with election year media coverage. Students will develop an awareness of how media affects current events and societal perceptions and how candidates use this to their advantage. In addition students learn how to discern fact from opinion.
- **Introduction to Media Literacy** [Ages 10-13 (US Gr. 5-8)] DL  
Learners will understand the term “media literacy,” identify types of media involved and understand the importance of media literacy.
- **The Power of Media** [Ages 10-13 (US Gr. 5-8)] DL  
Learners will understand the power the media has in changing perceptions and behavior and acknowledge how youth can utilize the media to make a difference in issues that matter to them.
- **Web Site Validity and Reliability** [Ages 10-13 (US Gr. 5-8)] DL  
Learners will understand the term validity, the right to freedom of speech and how online resources are not always well balanced and fair.

### **MODULE: Outreach, Empowerment, Review, and Integrated Curriculum**

- **Integrated Literacy: Security** [Ages 11 (US Gr. 6)] OER  
A review of Internet safety topics is accomplished through the completion of language arts projects. Includes: *Activity pages in Spanish*  
*Optional PowerPoint*

#### **Integrated Math and Internet Safety UNIT** [Ages 11-13 (US Gr. 6-8)] OER

*Unit of 4 lessons:*

- **Introduction to Graphing with Internet Safety** [Ages 11-13 (US Gr. 6-8)] OER  
Learners develop their understanding of online risks through a math-themed lesson aimed at teaching basic graphing skills. Students practice making bar graphs
- **More Graphing with Internet Safety** [Ages 11-13 (US Gr. 6-8)] OER  
Learners will continue developing their understanding of online risks through a math-themed lesson aimed at using graphing skills. Students will learn three basic graph types along with their primary functions: line graph, bar graph and circle graph.
- **Survey and Statistics with Internet Safety** [Ages 11-13 (US Gr. 6-8)] OER  
Learners will continue developing their understanding of online risks (specifically cyber bullying) through a math-themed lesson aimed at teaching basic survey and statistic skills. New vocabulary will be introduced, including *mode*, *median*, *mean*, *outliers*, and *range*.
- **Statistics and Algebraic Equations with Internet Safety** [Ages 11-13 (US Gr. 6-8)] OER

Review information on predator awareness while developing a comprehensive understanding of basic algebra terms and concepts. Concepts are taught in comparison to Internet safety themes. Students will practice building equations in relation to word problems.

-- End of Unit --

- **Youth Empowerment Resources** [Ages 11-17 (US Gr. 6-12)] **OER**  
*Counted as one lesson.* Student Toolkit: A CD or downloadable document of e-Safety “how to” materials and resources that enable students to become e-Safety Mentors and Certified Mentors, teaching Internet safety to others and conducting Internet safety activities and events. Mentor Program PowerPoint: A brief introduction to the i-SAFE i-MENTOR program. Mentor Flyer: Hand-out material for students’ community outreach projects.


## **MODULE: E-Rate**

### **Grade 6 Online Personal Safety UNIT** [Age 11 (US Gr. 6) **AOB**] **ER**

*Unit of 5 lessons* designed to be taught as a complete unit; but, these lessons also can be taught individually. Includes: *Coordinating PowerPoint*

- **Safeguarding Your Identity While Online** [Age 11 (US Gr. 6) **AOB**] **ER**  
Activities will enable students to: State the risks in choosing an unsafe username; Classify the types of personal information that should be avoided in constructing a safe username; Rank and order usernames based on what they reveal about users; Assess the risks in choosing an unsafe password; Identify strategies for making passwords safe; Demonstrate that they can choose a safe and secure password and user name.
- **Protecting Personal Information** [Age 11 (US Gr. 6) **AOB**] **ER**  
Students will engage in class discussion, brainstorming, completion of a cause/effect chart, and development of scenarios to demonstrate understanding of: Anyone met exclusively online is a stranger; How to respond appropriately to Internet strangers; The risks of providing too much personal information in online profiles and forms. *Activity included*: Personal Privacy Bingo class discussion and engagement in a Bingo game will enable students to: Comprehend that anyone met exclusively online is a stranger; Understand how indirect information can be used to identify someone; Recognize how to respond appropriately to Internet strangers; Understand risks of providing too much personal information in online profiles and forms.
- **Grade 6 Online Personal Safety Review and Action** [Age 11 (US Gr. 6) **AOB**] **ER**  
Review activities to reinforce personal safety unit concepts.  
Includes: *Coordinating brochure template*
- **Identity Theft** [Age 11-12 (US Gr. 6-7) **AOB**] **ER**  
This lesson introduces the concept of identity to the students. Students discuss their offline identity and how it is formed then begin to develop an understanding of what an online identity is. Students are asked to consider why it is important to form a positive online identity.
- **Online Strangers, Predators, and Grooming Process** [Age 11-12 (US Gr. 6-7) **AOB**] **ER**  
Provides an in-depth investigation into the concept of providing indirect information.

-- End of Unit --

-  **Fairy Tales with a 21st Century Twist** [Ages 8-11 (US Gr. 3-6) **CB**] **ER**  
Uma Duck a.k.a. UGLY is a story about cyber bullying and the potential advantages of online networking.

- **Grade 6: Cyber Bullying** [Age 11 (US Gr. 6) **CB**] **ER**  
Students investigate and identify key concepts associated with cyber bullying and netiquette including an expansion of definitions and discussion of motivations of bullies.  
Includes: *Coordinating PowerPoint*
- **Video Webcast lesson – Cyber Harassment: Online Bullying and Stalking** [Ages 11-17 (US Gr. 6-12) **CB**] **ER**  
An investigation of cyber harassment issues focuses on: Definitions of bullying and stalking as they apply to the; Internet, rules, laws, consequences; and the Ryan Halligan story.
- **Text Messaging Safety** [Ages 8-11 (US Gr. 3-6) **SN**] **ER**  
Introduction to specific text messaging and its associated safety strategies (including cell phones).
- **Sharing and Intellectual Property** [Ages 10-11 (US Gr. 5-6) **SN**] **ER**  
Using the character Donny the Downloader, students gain an understanding of intellectual property rights as they apply to social networking activity [*lesson is located in “Social Networking” folder*].
- **Safe Web Site Design** [Ages 10-13 (US Gr. 5-8) **SN**] **ER**  
Learners develop a comprehensive understanding of safety tips to remember when designing and building their own Web sites. Includes: *Coordinating PowerPoint*  
*HTML Activity*  
*Activity page in Spanish*
- **Social Networking In Online Communities** [Ages 10-13 (US Gr. 5-8) **SN**] **ER**  
An investigation of the current trends in usage of social networking sites, safety strategies for social networking, and the positive uses of these activities.

**UNIT Identity Safety** [Ages 10-13 (US Gr. 5-8) **SN**] **ER**

*Unit of 3 lessons.* Comprehensive unit looking at one’s online identity; how an online identity is formed, etc.:

- Forming An Identity Online [Ages 10-13 (US Gr. 5-8) **SN**] **ER**
- When Online Identity Mistakes Are Safety Risks [Ages 10-13 (US Gr. 5-8) **SN**] **ER**
- From Identity Mistakes to Security Risks [Ages 10-13 (US Gr. 5-8) **SN**] **ER**  
*-- End of Unit --*
- **Web Logs: A Positive Approach to Blogging** [Ages 10-13 (US Gr. 5-8) **SN**] **ER**  
The concepts of personal Web logs (blogging) and relevant safety issues are introduced.  
Includes: *PowerPoint*
- **Cyber Safety and Photo Management** [Ages 11-13 (US Gr. 6-8) **SN**] **ER**  
This lesson explores the safe management of personal photos in Cyberspace – in the online environment and through cell phone usage. Students will understand potential negative consequences of posting photos in Cyberspace and develop guidelines to safely and responsibly manage photos while engaging in online activities [*lesson is located in “Social Networking” folder*].

- **Safeguards in Social Networking for School-age Children: Alternatives to Facebook**  
[Ages 11-13 (US Gr. 6-8) **SN**] **ER**  
This lesson explores social networking alternatives for children who are too young for Facebook.
- **A Web 2.0 World** [Ages 11-17 (US Gr. 6-12) **SN**] **ER**  
A look at the interactive Web and how to navigate it safely through supporting and coordinating activities.
- **Your Digital Footprint** [Ages 11-17 (US Gr. 6-12) **SN**] **ER**  
Students will understand how their actions impact their footprint online.



lessons in this unit are the same lessons in the unit for grades 9-12 but the activities associated with the lessons are different and are age appropriate for grades 5-8):

- Understanding Substance Abuse Concerns [Ages 10-13 (US Gr. 5-8)] **PSO**
- Sorting It Out: Misuse of Prescription Drugs and OTCs [Ages 10-13 (US Gr. 5-8)] **PSO**
- Medical and Pharmaceutical Information Online [Ages 10-13 (US Gr. 5-8)] **PSO**
- Peer Pressure Online [Ages 10-13 (US Gr. 5-8)] **PSO**
- Online Advertising [Ages 10-13 (US Gr. 5-8)] **PSO**
- The Online Drug Culture and Social Networking [Ages 10-13 (US Gr. 5-8)] **PSO**
- Enrichment Activity – Wrap It Up! [Ages 10-13 (US Gr. 5-8)] **PSO**

Includes: *Teacher Guide (Workbook)*

*-- End of Workbook Unit --*

### **Cell Phone UNIT** [Ages 10-13 (US Gr. 5-8)] **PSO**

*Unit of 7 lessons.* Students will learn about risks associated with cell phone use such as sexting, cell harassment, correct cell usage, etc.:

- Cell Phone Basics [Ages 10-13 (US Gr. 5-8)] **PSO**
- Cell Phone Safety – Text Messaging [Ages 10-13 (US Gr. 5-8)] **PSO**
- Cell Phone Safety – Cell Phone Photos/Sexting [Ages 10-13 (US Gr. 5-8)] **PSO**
- Cell Phone Safety – Harassment [Ages 10-13 (US Gr. 5-8)] **PSO**
- Cell Phones and Mobility [Ages 10-13 (US Gr. 5-8)] **PSO**
- Cell Phones and School – School Considerations/Cheating [Ages 10-13 (US Gr. 5-8)] **PSO**
- Wrap up and Review

*-- End of Unit --*

### **Acceptable Use Policies UNIT** [Ages 10-17 (US Gr. 5-12)] **PSO**

*Unit of 2 lessons* (with activities) designed to encourage familiarity with the school's acceptable use policy:

- Know Your Code of Conduct [Ages 10-17 (US Gr. 5-12)] **PSO**
- Learn About Acceptable Use Policies (AUP) [Ages 10-17 (US Gr. 5-12)] **PSO**

*-- End of Unit --*

- **Legal Trends in Cyber Safety and Security** [Ages 11-13 (US Gr. 6-8)] **PSO**  
Investigates current legal trends concerning the Internet.

### **Digital Age Health Issues Mini-Lesson SERIES** [Ages 12-17 (US Gr. 7-12)] **PSO**

*Series of 7 lessons.* Students learn how health can be impacted from prolonged Internet use and develop strategies to maintain a healthy lifestyle while using digital technologies:

- Vision-Related Problems [Age 12-17 (US Gr. 7-12)] **PSO**
- Headaches and Seizures [Age 12-17 (US Gr. 7-12)] **PSO**
- Musculoskeletal Problems [Age 12-17 (US Gr. 7-12)] **PSO**
- Sleep Problems, Münchhausen [Age 12-17 (US Gr. 7-12)] **PSO**
- Syndrome by Internet [Age 12-17 (US Gr. 7-12)] **PSO**
- Cyberchondria – Internet-Induced Health Anxiety [Age 12-17 (US Gr. 7-12)] **PSO**
- Addiction, Anxiety and Depression [Age 12-17 (US Gr. 7-12)] **PSO**

- **NEW Advanced Textiquette: Twitter Safety Strategies** [Ages 12-17 (US Gr. 7-12)] **PSO**  
Students develop strategies to protect themselves while texting or communicating online and specifically while using Twitter.

## **MODULE: Cyber Security**

### **Cyber Security UNIT** [Age 12 (US Gr. 7)] **CS**

*Unit of 5 lessons.* Through discussion and the development and presentation of scenarios and skits, students will: Develop an understanding of malware issues and how they affect e-mail protocol; Understand the necessity of using caution when opening e-mail to protect computer security; and Inform others about cyber security issues:

- Malware Issues [Age 12 (US Gr. 7)] **CS**
- Acceptable Use Policies [Age 12 (US Gr. 7)] **CS**
- Risks of Spyware [Age 12 (US Gr. 7)] **CS**
- National Student Watch [Age 12 (US Gr. 7)] **CS**
- Cyber Security Review PowerPoint [Age 12 (US Gr. 7)] **CS**

Includes:            *Coordinating PowerPoint*  
                              *HTML Activity*

-- End of Unit --

- **Computer Security – Virus Recognition and Action** [Ages 12-13 (US Gr. 7-8)] **CS**  
Learners will develop a basic understanding of online security issues and basic prevention and maintenance to prevent these security issues.

## **MODULE: Intellectual Property**

### **Grade 7 Intellectual Property Basics UNIT** – Featuring Donny the Downloader [Age 12 (US Gr. 7)] **IP**

*Unit of 6 lessons.*

- **Understanding Intellectual Property** [Age 12 (US Gr. 7)] **IP**  
Learning the basics of intellectual property, copyright, etc. Includes:    *HTML Activity*
- **Music Copyright in the Digital Age** [Age 12 (US Gr. 7)] **IP**  
Learners will understand how copyright laws apply to online usage of music and be able to determine legal alternatives when using copyrighted music for school assignments and/or personal use.
- **Plagiarism and the World Wide Web** [Age 12 (US Gr. 7)] **IP**  
Activities will enable students to: Define and identify how plagiarism occurs; Understand the basic guidelines for use of intellectual property found on the Internet; and Create simple rules or tips to serve as reminders of intellectual property responsibilities.
- **Peer-to-Peer Networking** [Age 12 (US Gr. 7)] **IP**  
Students will: Identify legal and valid uses of peer-to-peer (P2P) networks; Understand the basic consequences of P2P networking; Research relevant information on P2P networks; and Develop and broadcast a public service announcement or poem/jingle.
- **Let's Talk About Intellectual Property – Review PowerPoint Lesson Featuring Donny the Downloader** [Age 12 (US Gr. 7)] **IP**  
PowerPoint lesson to review major concepts taught in the i-SAFE Intellectual Property lessons. Includes:        *Coordinating PowerPoint*
- **Donny the Downloader on All About Piracy PowerPoint Lesson** [Age 12 (US Gr. 7)] **IP**  
PowerPoint lesson reviewing piracy basics. Includes:        *Coordinating PowerPoint*

-- End of Unit --

## **MODULE: Cyber Predator Identification**

- **Grade 7 Identifying Online Predators** [Age 12 (US Gr. 7)] **CPI**  
A facilitated PowerPoint lesson that investigates and identifies key concepts associated with responsible and safe online interaction – with a focus on issues associated with Internet predators including key characteristics of suspicious online communication, the grooming process, and proactive techniques to reduce risk. Includes: *Spanish Activity*  
*Coordinating PowerPoint*
- **Avoiding Online Predators** [Ages 11-13 (US Gr. 6-8)] **CPI**  
A facilitated PowerPoint lesson that introduces students to the grooming process.  
Includes: *Coordinating PowerPoint*
- **Developing Online Predator Awareness** [Ages 12-13 (US Gr. 7-8)] **CPI**  
This lesson introduces key cyber safety concepts; it is designed to raise an awareness of the grooming techniques used by predators and demonstrate understanding of how to avoid online predators.
- **Examining the Risks: “Willing Participation”** [Ages 12-13 (US Gr. 7-8)] **CPI**  
Provides a closer investigation of the concept of the willing participation in online relationships with strangers. Includes: *Activity pages in Spanish*

## **MODULE: Digital Literacy**

- **Current Events: Media and Society** [Ages 10-13 (US Gr. 5-8)] **DL**  
This current events lesson covers topics associated with media literacy in conjunction with election year media coverage. Students will develop an awareness of how media affects current events and societal perceptions and how candidates use this to their advantage. In addition students learn how to discern fact from opinion.
- **Introduction to Media Literacy** [Ages 10-13 (US Gr. 5-8)] **DL**  
Learners will understand the term “media literacy,” identify types of media involved and understand the importance of media literacy.
- **The Power of Media** [Ages 10-13 (US Gr. 5-8)] **DL**  
Learners will understand the power the media has in changing perceptions and behavior and acknowledge how youth can utilize the media to make a difference in issues that matter to them.
- **Web Site Validity and Reliability** [Ages 10-13 (US Gr. 5-8)] **DL**  
Learners will understand the term validity, the right to freedom of speech and how online resources are not always well balanced and fair.
- **Responsibility In A Digital Literacy World** [Ages 12-13 (US Gr. 7-8)] **DL**  
This lesson introduces the concept of personal responsibility in a media-filled environment where it is not only common for students to create and publish their own works, but it is often encouraged by their peers.

## **MODULE: Outreach, Empowerment, Review, and Integrated Curriculum**

- **Integrated Literacy: Internet Safety Focus Cyber Harassment** [Age 12 (US Gr. 7)] **OER**  
A review of Cyber Bullying is accomplished through the completion of language arts projects. Includes: *Coordinating PowerPoint*  
*Activity pages in Spanish*

### **Integrated Math and Internet Safety UNIT** [Ages 11-13 (US Gr. 6-8)] **OER**

*Unit of 4 lessons:*

- **Introduction to Graphing with Internet Safety** [Ages 11-13 (US Gr. 6-8)] **OER**  
Learners develop their understanding of online risks through a math-themed lesson aimed at teaching basic graphing skills. Students practice making bar graphs
- **More Graphing with Internet Safety** [Ages 11-13 (US Gr. 6-8)] **OER**  
Learners will continue developing their understanding of online risks through a math-themed lesson aimed at using graphing skills. Students will learn three basic graph types along with their primary functions: line graph, bar graph and circle graph.
- **Survey and Statistics with Internet Safety** [Ages 11-13 (US Gr. 6-8)] **OER**  
Learners will continue developing their understanding of online risks (specifically cyber bullying) through a math-themed lesson aimed at teaching basic survey and statistic skills. New vocabulary will be introduced, including *mode*, *median*, *mean*, *outliers*, and *range*.
- **Statistics and Algebraic Equations with Internet Safety** [Ages 11-13 (US Gr. 6-8)] **OER**  
Review information on predator awareness while developing a comprehensive understanding of basic algebra terms and concepts. Concepts are taught in comparison to Internet safety themes. Students will practice building equations in relation to word problems.

*-- End of Unit --*

- **Youth Empowerment Resources** [Ages 11-17 (US Gr. 6-12)] **OER**  
*Counted as one lesson.* Student Toolkit: A CD or downloadable document of e-Safety “how to” materials and resources that enable students to become e-Safety Mentors and Certified Mentors, teaching Internet safety to others and conducting Internet safety activities and events. Mentor Program PowerPoint: A brief introduction to the i-SAFE i-MENTOR program. Mentor Flyer: Hand-out material for students’ community outreach projects.

### **Service Learning Curriculum** [Ages 12-17 (US Gr. 7-12)] **OER**

*Unit of 8 lessons.* Service Learning lessons integrate learning and community service in order to meet education goals and improve the community. Each lesson offers background learning that enables “service to the community” to be completed beneficially for all concerned. The lessons can be used in traditional classrooms, in a specified school Service Learning atmosphere, or in a community-service club setting:

- Public Service Announcements
- Student Assembly Experience
- Community Leaders Meeting
- Brochure Creation/Distribution
- Orientation Presentation
- i-PARENT Presentation
- Library Safe Card Program
- Community Posters

*-- End of Unit --*

## **MODULE: E-Rate**

### **Grade 7 Personal Safety UNIT** [Age 12 (US Gr. 7) AOB] ER

*Unit of 5 lessons.* A selection of lessons designed to be taught as a complete unit, but can also be implemented individually:

- **Safeguarding Your Identity Online: Screen Names, Passwords, Safety Resolutions** [Age 12 (US Gr. 7) AOB] ER  
Students will engage in activities that will enable them to: State the risks in choosing an unsafe username; Classify the types of personal information that should be avoided in constructing a safe username; Assess the risks in choosing an unsafe password; Identify strategies for making passwords safe; Assess the impact of filling out an online profile; and Develop basic rules for online safety.
- **Protecting Personal Information:** [Age 12 (US Gr. 7) AOB] ER  
Students will explore the issues and risks of posting too much personal information online and will: Comprehend that anyone met exclusively online is a stranger; Recognize how to respond appropriately to Internet strangers; and Create safety rules for online postings
- **Identity Theft** [Age 11-12 (US Gr. 6-7) AOB] ER  
This lesson introduces the concept of identity to the students. Students discuss their offline identity and how it is formed then begin to develop an understanding of what an online identity is. Students are asked to consider why it is important to form a positive online identity.
- **Online Strangers, Predators, and Grooming Process** [Age 11-12 (US Gr. 6-7) AOB] ER  
Provides an in-depth investigation into the concept of providing indirect information.
- **Grade 7 Online Personal Safety Review and Action** [Age 12 (US Gr. 7) AOB] ER  
Review activities to reinforce Personal Safety Unit concepts through lesson and game.  
Includes: *Coordinating Unit PowerPoint*  
*Coordinating Personal Safety Game PowerPoint*  
*-- End of Unit --*



### **Thinking Things Through SERIES** [Ages 12-17 (US Gr. 7-12) AOB] ER

*Series of 2 lessons* covering the routine online activities that young people engage in and force critical thinking and open discussion on the merits and safety/security issues associated with each. The goal is to empower students to make wise choices:

- Video Sharing [Age 12-17 (US Gr. 7-12) AOB] ER
- Online Friending [Age 12-17 (US Gr. 7-12) AOB] ER
- **Grade 7 Cyber Bullying** [Age 12 (US Gr. 7) CB] ER  
Students investigate and identify key concepts associated with cyber bullying and netiquette including an expansion of definitions, discussion of consequences of cyberbullying, and techniques to avoid/report bullying. Includes: *Coordinating PowerPoint*
- **Social Networking and Intellectual Property** [Age 12 (US Gr. 7) SN] ER  
The character Donny the Downloader helps students understand the relevance of intellectual property rights to online sharing [*lesson is located in "Social Networking" folder*].

- **Safe Web Site Design** [Ages 10-13 (US Gr. 5-8) **SN**] **ER**  
Learners develop a comprehensive understanding of safety tips to remember when designing and building their own Web sites. Includes: *Coordinating PowerPoint*  
*HTML Activity*  
*Activity page in Spanish*
- **Social Networking In Online Communities** [Ages 10-13 (US Gr. 5-8) **SN**] **ER**  
An investigation of the current trends in usage of social networking sites, safety strategies for social networking, and the positive uses of these activities.

**UNIT Identity Safety** [Ages 10-13 (US Gr. 5-8) **SN**] **ER**

*Unit of 3 lessons.* Comprehensive unit looking at one's online identity; how an online identity is formed, etc.:

- Forming An Identity Online [Ages 10-13 (US Gr. 5-8) **SN**] **ER**
- When Online Identity Mistakes Are Safety Risks [Ages 10-13 (US Gr. 5-8) **SN**] **ER**
- From Identity Mistakes to Security Risks [Ages 10-13 (US Gr. 5-8) **SN**] **ER**  
*-- End of Unit --*
- **Web Logs: A Positive Approach to Blogging** [Ages 10-13 (US Gr. 5-8) **SN**] **ER**  
The concepts of personal Web logs (blogging) and relevant safety issues are introduced.  
Includes: *PowerPoint*
- **Cyber Safety and Photo Management** [Ages 11-13 (US Gr. 6-8) **SN**] **ER**  
This lesson explores the safe management of personal photos in Cyberspace – in the online environment and through cell phone usage. Students will understand potential negative consequences of posting photos in Cyberspace and develop guidelines to safely and responsibly manage photos while engaging in online activities [*Lesson is located in "Social Networking" folder*].
- **Safeguards in Social Networking for School-age Children: Alternatives to Facebook** [Ages 11-13 (US Gr. 6-8) **SN**] **ER**  
This lesson explores social networking alternatives for children who are too young for Facebook.
- **A Web 2.0 World** [Ages 11-17 (US Gr. 6-12) **SN**] **ER**  
A look at the interactive Web and how to navigate it safely through supporting and coordinating activities.
- **Your Digital Footprint** [Ages 11-17 (US Gr. 6-12) **SN**] **ER**  
Students will understand how their actions impact their footprint online.
- **Video Webcast lesson – Cyber Harassment: Online Bullying and Stalking** [Ages 11-17 (US Gr. 6-12) **CB**] **ER**  
An investigation of cyber harassment issues focuses on: Definitions of bullying and stalking as they apply to the; Internet, rules, laws, consequences; and the Ryan Halligan story.

# 8<sup>th</sup> Grade

(Library of 94 Lessons)

## **MODULE: Cyber Community Citizenship**

- **Citizenship in the Cyber Community** [Age 13 (US Gr. 8)] **CCC**  
Students will explore the validity issues of information posted online through: Class discussion; Creation of Web site evaluation tool; and Evaluation of sample Web pages. Students will create posters to inform others how to evaluate Web sites.  
Includes:     *Activity in Spanish*  
                  *Cyber Community PowerPoint*  
                  *HTML Activity*
- **Negative Networking: A Look At Gangs Online** [Ages 10-13 (US Gr. 5-8)] **CCC**  
Learners develop an understanding of ways the Internet can be used to have a negative impact on society such as its use by gangs to network. Includes:     *Activity pages in Spanish*

## **UNIT: Our Cultural Awareness Series 1: Hawaii** [Ages 10-13 (Grades 5-8)] **CCC**

*Unit of 3 lessons. A cultural approach to online safety:*

- Hawaii Cultural 1 – Our Cultural Awareness and Cyber Safety Issues of Respect – Ho’ihi
- Hawaii Cultural 2 – Our Cultural Awareness and Cyber Safety Worlds of Friendship
- Hawaii Cultural 3 – Our Cultural Awareness and Cyber Safety Making Connections

Includes: *Audio file (song) “Ma Ka Punaiwele”*

*-- End of Unit --*

- **Roles on the Internet** [Ages 11-13 (US Gr. 6-8)] **CCC**  
Individuals engage digital media activities in many different capacities or roles (e.g., observer, creator, shopper, researcher, worker, gamer, consumer, explorer, friend, messenger, etc.). Community, whether digital or physical, always delimits the character and boundaries of our actions and interactions. Students will identify various online roles, describe how these roles were performed prior to the creation of the Internet, and discuss how citizenship is necessary component of civil cyber community.
- **Safety In Online Gaming** [Ages 11-18 (US Gr. 6-12)] **CCC**  
Learners will understand the safety and security risks associated with online gaming and develop an action plan for informing others of how to play online safely.

## **MODULE: Personal Safety Online**

- **Online Shopping Risks** [Ages 10-13 (US Gr. 5-8)] **PSO**  
Supplemental lesson/activity to the Personal Safety core Module. Investigates safety and security issues surrounding online shopping.

## **Substance Abuse Issues In An Online Culture (Workbook)** [Ages 10-13 (US Gr. 5-8)] **PSO**

*Unit of 7 lessons. Learners will learn how peer pressure works online and how drug companies market online; Information on the underground network and risks associated, etc. (NOTE: The lessons in this unit are the same lessons in the unit for grades 9-12 but the activities associated with the lessons are different and are age appropriate for grades 5-8):*

- Understanding Substance Abuse Concerns [Ages 10-13 (US Gr. 5-8)] **PSO**
- Sorting It Out: Misuse of Prescription Drugs and OTCs [Ages 10-13 (US Gr. 5-8)] **PSO**

- Medical and Pharmaceutical Information Online [Ages 10-13 (US Gr. 5-8)] **PSO**
- Peer Pressure Online [Ages 10-13 (US Gr. 5-8)] **PSO**
- Online Advertising [Ages 10-13 (US Gr. 5-8)] **PSO**
- The Online Drug Culture and Social Networking [Ages 10-13 (US Gr. 5-8)] **PSO**
- Enrichment Activity – Wrap It Up! [Ages 10-13 (US Gr. 5-8)] **PSO**

Includes: *Teacher Guide (Workbook)*

-- End of Workbook Unit --

### **Cell Phone UNIT** [Ages 10-13 (US Gr. 5-8)] **PSO**

*Unit of 7 lessons.* Students will learn about risks associated with cell phone use such as sexting, cell harassment, correct cell usage, etc.:

- Cell Phone Basics [Ages 10-13 (US Gr. 5-8)] **PSO**
- Cell Phone Safety – Text Messaging [Ages 10-13 (US Gr. 5-8)] **PSO**
- Cell Phone Safety – Cell Phone Photos/Sexting [Ages 10-13 (US Gr. 5-8)] **PSO**
- Cell Phone Safety – Harassment [Ages 10-13 (US Gr. 5-8)] **PSO**
- Cell Phones and Mobility [Ages 10-13 (US Gr. 5-8)] **PSO**
- Cell Phones and School – School Considerations/Cheating [Ages 10-13 (US Gr. 5-8)] **PSO**
- Wrap up and Review [Ages 10-13 (US Gr. 5-8)] **PSO**

-- End of Unit --

### **Acceptable Use Policies UNIT** [Ages 10-17 (US Gr. 5-12)] **PSO**

*Unit of 2 lessons* (with activities) designed to encourage familiarity with the school's acceptable use policy:

- Know Your Code of Conduct [Ages 10-17 (US Gr. 5-12)] **PSO**
- Learn About Acceptable Use Policies (AUP) [Ages 10-17 (US Gr. 5-12)] **PSO**

-- End of Unit --

- **Legal Trends in Cyber Safety and Security** [Ages 11-13 (US Gr. 6-8)] **PSO**

Investigates current legal trends concerning the Internet.

- **NEW Advanced Textiquette: Twitter Safety Strategies** [Age 12-17 (US Gr. 7-12)] **PSO**

Students develop strategies to protect themselves while texting or communicating online and specifically while using Twitter.

- **NEW Digital Age Health Issues Mini-Lesson SERIES** [Ages 12-17 (US Gr. 7-12)] **PSO**

*Series of 7 lessons.* Students learn how health can be impacted from prolonged Internet use and develop strategies to maintain a healthy lifestyle while using digital technologies:

- Vision-Related Problems [Age 12-17 (US Gr. 7-12)] **PSO**
- Headaches and Seizures [Age 12-17 (US Gr. 7-12)] **PSO**
- Musculoskeletal Problems [Age 12-17 (US Gr. 7-12)] **PSO**
- Sleep Problems, Münchhausen [Age 12-17 (US Gr. 7-12)] **PSO**
- Syndrome by Internet [Age 12-17 (US Gr. 7-12)] **PSO**
- Cyberchondria – Internet-Induced Health Anxiety [Age 12-17 (US Gr. 7-12)] **PSO**
- Addiction, Anxiety and Depression [Age 12-17 (US Gr. 7-12)] **PSO**

## **MODULE: Cyber Security**

### **Cyber Security UNIT** [Age 13 (US Gr. 8)] **CS**

*Unit of 5 lessons.* Students will develop an understanding of the issues surrounding malware and secure e-mail protocol and the necessity of enabling computer security functions to ensure computer security:

- Point of Attack – Malware [Age 13 (US Gr. 8)] **CS**
- Security Risks of P2P File Sharing [Age 13 (US Gr. 8)] **CS**
- Homeland Security [Age 13 (US Gr. 8)] **CS**
- National Student Watch [Age 13 (US Gr. 8)] **CS**
- Cyber Security Review PowerPoint [Age 13 (US Gr. 8)] **CS**

Includes: *Coordinating PowerPoints*

*HTML Activity*

-- End of Unit --

- **Spyware Risks** [Ages 13 (US Gr. 8)] **CS**  
Review of the security risks associated with downloading items online; develop an understanding of the term spyware and the types of programs it applies to and how it can compromise personal information.
- **Homeland Security** [Ages 13-17 (US Gr. 8-12)] **CS**  
Learners will apply knowledge and concepts learned previously, such as hacking, steganography, malicious code (i.e., viruses and worms), to information on cyber terrorism. They will be able to identify and comprehend the utilization of the Internet in cyber terrorism and cyber warfare along with being able to identify and comprehend security prevention techniques. Includes: *HTML activity*
- **Computer Security – Virus Recognition and Action** [Ages 12-13 (US Gr. 7-8)] **CS**  
Learners will develop a basic understanding of online security issues and basic prevention and maintenance to prevent these security issues.

## **MODULE: Intellectual Property**

### **Grade 8 Intellectual Property Basics UNIT** – Featuring Donny the Downloader [Age 13 (US Gr. 8)] **IP**

*Unit of 7 lessons.*

- **Creation and Copyright**[Age 13 (US Gr. 8)] **IP**  
The basics of intellectual property.
- **Plagiarism and the World Wide Web** [Age 13 (US Gr. 8)] **IP**  
Activities will enable students to: Define and identify how plagiarism occurs; Understand the basic guidelines for use of intellectual property found on the Internet; and Create simple rules or tips to serve as reminders of intellectual property responsibilities.
- **Peer-to-Peer Networking** [Age 13 (US Gr. 8)] **IP**  
Students will: Identify legal and valid uses of peer-to-peer (P2P) networks; Understand the basic consequences of P2P networking; Research relevant information on P2P networks; and Develop and broadcast a public service announcement or poem/jingle
- **Learn IT Before You Burn IT** [Age 13 (US Gr. 8)] **IP**  
Students learn about Internet piracy and the differences between legal and illegal downloading.

- **Mock Trial Lesson and Activity** [Age 13 (US Gr. 8)] **IP**  
Activity lesson involving a mock trial.  
Includes: *Activity pages in Spanish*
- **Let's Talk About Intellectual Property. A Donny the Downloader Guided PowerPoint Based Lesson** [Age 13 (US Gr. 8)] **IP**  
PowerPoint lesson to review major concepts taught in the i-SAFE Intellectual Property lessons.  
Includes: *Coordinating PowerPoint*
- **Donny the Downloader on All About Piracy PowerPoint Lesson** [Age 13 (US Gr. 8)] **IP**  
PowerPoint lesson reviewing piracy basics. Includes: *Coordinating PowerPoint*  
-- End of Unit --

### **MODULE: Cyber Predator Identification**

- **Grade 8 Identifying Online Predators** [Age 13 (US Gr. 8)] **CPI**  
A facilitated PowerPoint lesson that investigates and identifies key concepts associated with responsible and safe online interaction – with a focus on issues associated with Internet predators including key characteristics of suspicious online communication, the grooming process, and proactive techniques to reduce risk. Includes: *Spanish Activity*  
*Coordinating PowerPoint*
- **Avoiding Online Predators** [Ages 11-13 (US Gr. 6-8)] **CPI**  
A facilitated PowerPoint lesson that introduces students to the grooming process.  
Includes: *Coordinating PowerPoint*
- **Developing Online Predator Awareness** [Ages 12-13 (US Gr. 7-8)] **CPI**  
This lesson introduces key cyber safety concepts; it is designed to raise an awareness of the grooming techniques used by predators and demonstrate understanding of how to avoid online predators.
- **Examining the Risks: “Willing Participation”** [Ages 12-13 (US Gr. 7-8)] **CPI**  
Provides a closer investigation of the concept of the willing participation in online relationships with strangers. Includes: *Activity pages in Spanish*

### **MODULE: Digital Literacy**

- **Current Events: Media and Society** [Ages 10-13 (US Gr. 5-8)] **DL**  
This current events lesson covers topics associated with media literacy in conjunction with election year media coverage. Students will develop an awareness of how media affects current events and societal perceptions and how candidates use this to their advantage. In addition students learn how to discern fact from opinion.
- **Introduction to Media Literacy** [Ages 10-13 (US Gr. 5-8)] **DL**  
Learners will understand the term “media literacy,” identify types of media involved and understand the importance of media literacy.
- **The Power of Media** [Ages 10-13 (US Gr. 5-8)] **DL**  
Learners will understand the power the media has in changing perceptions and behavior and acknowledge how youth can utilize the media to make a difference in issues that matter to them.

- **Web Site Validity and Reliability** [Ages 10-13 (US Gr. 5-8)] **DL**  
Learners will understand the term validity, the right to freedom of speech and how online resources are not always well balanced and fair.
- **Responsibility In A Digital Literacy World** [Ages 12-13 (US Gr. 7-8)] **DL**  
This lesson introduces the concept of personal responsibility in a media-filled environment where it is not only common for students to create and publish their own works, but it is often encouraged by their peers.

**NEW** **Social Networking Privacy and Sharing How-Tos Mini-Lesson SERIES** [Ages 13-17 (US Gr. 8-12)] **DL**

*Series of 4 lessons.* Students explore basic strategies to maintain safety while sharing on social network sharing sites, using the Facebook application as a model. They learn the importance of privacy settings and are able to adjust privacy for a selection of social media and networking functions:

- Exploring Privacy Settings [Age 13-17 (US Gr. 8-12)] **DL**
- Default vs. Customized Settings [Age 13-17 (US Gr. 8-12)] **DL**
- Facial Recognition [Age 13-17 (US Gr. 8-12)] **DL**
- Photo Tagging and Privacy [Age 13-17 (US Gr. 8-12)] **DL**

**MODULE: Outreach, Empowerment, Review, and Integrated Curriculum**

- **Integrated Literacy: Internet Safety Focus Personal Information** [Age 13 (US Gr. 8)] **OER**  
A review of the Personal Safety topic is accomplished through the completion of language arts projects. Includes: *Coordinating PowerPoint*  
*Activity pages in Spanish*

**Integrated Math and Internet Safety UNIT** [Ages 11-13 (US Gr. 6-8)] **OER**

*Unit of 4 lessons:*

- **Introduction to Graphing with Internet Safety** [Ages 11-13 (US Gr. 6-8)] **OER**  
Learners develop their understanding of online risks through a math-themed lesson aimed at teaching basic graphing skills. Students practice making bar graphs.
- **More Graphing with Internet Safety** [Ages 11-13 (US Gr. 6-8)] **OER**  
Learners will continue developing their understanding of online risks through a math-themed lesson aimed at using graphing skills. Students will learn three basic graph types along with their primary functions: line graph, bar graph and circle graph.
- **Survey and Statistics with Internet Safety** [Ages 11-13 (US Gr. 6-8)] **OER**  
Learners will continue developing their understanding of online risks (specifically cyber bullying) through a math-themed lesson aimed at teaching basic survey and statistic skills. New vocabulary will be introduced, including *mode, median, mean, outliers, and range.*
- **Statistics and Algebraic Equations with Internet Safety** [Ages 11-13 (US Gr. 6-8)] **OER**  
Review information on predator awareness while developing a comprehensive understanding of basic algebra terms and concepts. Concepts are taught in comparison to Internet safety themes. Students will practice building equations in relation to word problems.

-- End of Unit --

- **Youth Empowerment Resources** [Ages 11-17 (US Gr. 6-12)] **OER**  
*Counted as one lesson.* Student Toolkit: A CD or downloadable document of e-Safety “how to” materials and resources that enable students to become e-Safety Mentors and Certified Mentors, teaching Internet safety to others and conducting Internet safety activities and events.  
Mentor Program PowerPoint: A brief introduction to the i-SAFE i-MENTOR program.  
Mentor Flyer: Hand-out material for students’ community outreach projects.

**Service Learning Curriculum** [Ages 12-17 (US Gr. 7-12)] **OER**

*Unit of 8 lessons.* Service Learning lessons integrate learning and community service in order to meet education goals and improve the community. Each lesson offers background learning that enables “service to the community” to be completed beneficially for all concerned. The lessons can be used in traditional classrooms, in a specified school Service Learning atmosphere, or in a community-service club setting:

- Public Service Announcements
- Student Assembly Experience
- Community Leaders Meeting
- Brochure Creation/Distribution
- Orientation Presentation
- i-PARENT Presentation
- Library Safe Card Program
- Community Posters

-- End of Unit --

**MODULE: E-Rate**

- **Grade 8 Cyber Bullying** [Age 13 (US Gr. 8) **CB**] **ER**  
 Students investigate and identify key concepts associated with cyber bullying and avoidance strategies, as well as an introduction to the cyber stalking concept and laws governing online harassment.

**Grade 8 Personal Safety UNIT** [Age 13 (US Gr. 8) **AOB**] **ER**

*Unit of 4 lessons.* A selection of lessons designed to be taught as a complete unit, but can also be implemented individually:

- **Your Online Safety: Understanding the Issues** [Age 13 (US Gr. 8) **AOB**] **ER**  
 Students will engage in a survey and discussion of true-life stories that will enable them to: Identify the basic risk issues associated with Internet use; Identify and associate risky behaviors with online issues; and Identify risk elements of screen names, passwords and profiles.
- **Proactive Protection Online** [Age 13 (US Gr. 8) **AOB**] **ER**  
 Students will explore the issues and risks of posting personal information online and will practice taking proactive steps in keeping personal information private.
- **Online Issues: Bullies and Predators** [Age 13 (US Gr. 8) **AOB**] **ER**  
 Provides an in-depth investigation into the concept of providing indirect information to aid bullies and predators find you.
- **Grade 8 Online Personal Safety Review and Action** [Age 13 (US Gr. 8) **AOB**] **ER**  
 Review activities to reinforce Personal Safety Unit concepts and HTML activity.  
Includes:     *Coordinating Unit PowerPoint*  
                   *HTML Activity*

-- End of Unit --



- **A Web 2.0 World** [Ages 11-17 (US Gr. 6-12) **SN**] **ER**  
A look at the interactive Web and how to navigate it safely through supporting and coordinating activities.
- **Your Digital Footprint** [Ages 11-17 (US Gr. 6-12) **SN**] **ER**  
Students will understand how their actions impact their footprint online.
- **Video Webcast lesson – Cyber Harassment: Online Bullying and Stalking** [Ages 11-17 (US Gr. 6-12) **CB**] **ER**  
An investigation of cyber harassment issues focuses on: Definitions of bullying and stalking as they apply to the; Internet, rules, laws, consequences; and the Ryan Halligan story.

# 9<sup>th</sup>-12<sup>th</sup> Grades

(Library of 84 Lessons)

## **MODULE: Cyber Community Citizenship**

- **Cyber Community Survey** [Ages 14-17 (Gr. 9-12)] **CCC**  
Students will identify and discuss their understanding of the comparison between the physical community and the cyber community, including their behaviors within those communities. Student activities include survey completion and compilation of results  
Students will: Be able to identify the key general attributes of their personal and cyber communities; Be able to identify and comprehend the critical attributes that differentiate personal and cyber communities; Demonstrate the ability to make informed choices about appropriate and inappropriate decisions in accessing and using the Internet; and Be able to articulate and communicate their knowledge and understanding of the cyber community to peers and others. Includes:     *Activity page in Spanish*
- **Emerging Leaders: Cyber Citizens** [Ages 14-17 (Gr. 9-12)] **CCC**  
Learners will develop a basic understanding of online issues and their role as cyber citizens and emerging online leaders.
- **History of the Internet** [Ages 14-17 (US Gr. 9-12)] **CCC**  
Through a brief history lesson about the technological development and how the Internet has been utilized, students will begin to conceptualize how important the Internet is to our infrastructure as a country and the necessity of digital citizenship on everyone's part.
- **Online Freedoms and Culture of the Internet Community** [Ages 14-17 (Gr. 9-12)] **CCC** An investigation of Internet related laws in the United States and how other countries compare. Includes:     *Activity page in Spanish*
- **Online Gambling** [Ages 14-17 (Gr. 9-12)] **CCC**  
An investigation of the risks and consequences of online gambling. Includes:     *Activity pages in Spanish*
- **Negative Networking: Terrorists, Gangs, and Cults** [Ages 14-17 (US Gr. 9-12)] **CCC**  
Learners develop an understanding of ways the Internet can be used to have a negative impact on society, such as its use by gangs to network.
- **Safety In Online Gaming** [Ages 11-18 (US Gr. 6-12)] **CCC**  
Learners will understand the safety and security risks associated with online gaming and develop an action plan for informing others of how to play online safely.

## **MODULE: Personal Safety Online**

### **Acceptable Use Policies UNIT** [Ages 10-17 (US Gr. 5-12)] **PSO**

*Unit of 2 lessons* (with activities) designed to encourage familiarity with the school's acceptable use policy:

- Know Your Code of Conduct [Ages 10-17 (US Gr. 5-12)] **PSO**
- Learn About Acceptable Use Policies (AUP) [Ages 10-17 (US Gr. 5-12)] **PSO**

-- End of Unit --

- **NEW Advanced Textiquette: Twitter Safety Strategies** [Ages 12-17 (US Gr. 7-12)] **PSO**  
Students develop strategies to protect themselves while texting or communicating online and specifically while using Twitter.

**NEW Digital Age Health Issues Mini-Lesson SERIES** [Ages 12-17 (US Gr. 7-12)] **PSO**

*Series of 7 lessons.* Students learn how health can be impacted from prolonged Internet use and develop strategies to maintain a healthy lifestyle while using digital technologies:

- Vision-Related Problems [Age 12-17 (US Gr. 7-12)] **PSO**
  - Headaches and Seizures [Age 12-17 (US Gr. 7-12)] **PSO**
  - Musculoskeletal Problems [Age 12-17 (US Gr. 7-12)] **PSO**
  - Sleep Problems, Münchausen [Age 12-17 (US Gr. 7-12)] **PSO**
  - Syndrome by Internet [Age 12-17 (US Gr. 7-12)] **PSO**
  - Cyberchondria – Internet-Induced Health Anxiety [Age 12-17 (US Gr. 7-12)] **PSO**
  - Addiction, Anxiety and Depression [Age 12-17 (US Gr. 7-12)] **PSO**
- **Cyber Safety and Photo Management** [Ages 14-17 (US Gr. 9-12)] **PSO**  
This lesson is part of the risk management unit of instruction. Students explore the safe management of personal photos in Cyberspace, including in the online environment and through cell phones/smartphones, by utilizing risk-assessment techniques.
  - **Identity Theft** [Ages 14-17 (US Gr. 9-12)] **PSO**  
Students will be enabled to: Understand the security risks of identity theft associated with revealing private information online; Develop an action plan for dealing with identity theft that can be shared with parents; and Create brochures that include strategies to avoid online identity theft.  
Includes: *Activity page in Spanish*
  - **Legal Trends in Cyber Safety and Security** [Ages 14-17 (US Gr. 9-12)] **PSO**  
A look at current legal trends concerning the Internet.  
Includes: *Activity page in Spanish*
  - **Online Shopping Risks** [Ages 14-17 (US Gr. 9-12)] **PSO**  
Supplemental lesson/activity to the core Personal Safety Unit; Investigates safety and security issues surrounding online shopping.  
Includes: *Activity page in Spanish*
  - **Risk Assessment** [Ages 14-17 (US Gr. 9-12)] **PSO**  
This lesson introduces students to the concept of risk assessment, and encourages them to relate their online activities to this concept/approach. Students will be able to identify low, moderate and high risk online activities and understand how their actions can decrease risk in various online situations.

**Substance Abuse Issues In An Online Culture (Workbook)** [Ages 14-17 (US Gr. 9-12)] **PSO**

*Unit of 7 lessons.* Learners will learn how peer pressure works online and how drug companies market online; Information on the underground network and risks associated, etc. (**NOTE:** The lessons in this unit are the same lessons in the unit for grades 5-8 but the activities associated with the lessons are different and are age appropriate for grades 9-12):

- Understanding Substance Abuse Concerns [Ages 14-17 (US Gr. 9-12)] **PSO**
- Sorting It Out: Misuse of Prescription Drugs and OTCs [Ages 14-17 (US Gr. 9-12)] **PSO**
- Medical and Pharmaceutical Information Online [Ages 14-17 (US Gr. 9-12)] **PSO**
- Peer Pressure Online [Ages 14-17 (US Gr. 9-12)] **PSO**
- Online Advertising [Ages 14-17 (US Gr. 9-12)] **PSO**
- The Online Drug Culture and Social Networking [Ages 14-17 (US Gr. 9-12)] **PSO**
- Enrichment Activity – Wrap It Up! [Ages 14-17 (US Gr. 9-12)] **PSO**

Includes: *Teacher Guide (Workbook)*

-- End of Workbook Unit --

### **Cell Phone UNIT** [Ages 14-17 (US Gr. 9-12)] **PSO**

*Unit of 7 lessons.* Students will learn about risks associated with cell phone use such as sexting, cell harassment, correct cell use, etc.:

- Cell Phone Basics [Ages 14-17 (US Gr. 9-12)] **PSO**
- Cell Phone Safety – Understanding Texting [Ages 14-17 (US Gr. 9-12)] **PSO**
- Cell Phone Safety – Understanding Cell Photos/Sexting [Ages 14-17 (US Gr. 9-12)] **PSO**
- Cell Phone Safety – Mobile Harassment [Ages 14-17 (US Gr. 9-12)] **PSO**
- Cell Phones and Mobility [Ages 14-17 (US Gr. 9-12)] **PSO**
- Cell Phones and School [Ages 14-17 (US Gr. 9-12)] **PSO**
- Wrap up and Review [Ages 14-17 (US Gr. 9-12)] **PSO**

-- End of Unit --

## **MODULE: Cyber Security**

- **Homeland Security** [Ages 13-17 (US Gr. 8-12)] **CS**  
Learners will apply knowledge and concepts learned previously, such as hacking, steganography, malicious code (i.e., viruses and worms), to information on cyber terrorism. They will be able to identify and comprehend the utilization of the Internet in cyber terrorism and cyber warfare along with being able to identify and comprehend security prevention techniques. Includes: *HTML activity*
- **Malware Protection** [Ages 14-17 (US Gr. 9-12)] **CS**  
Students will learn how to better protect their computers from malicious code, such as viruses, Trojan horses, worms, and spyware.
- **Phishing & Pharming Scams** [Ages 14-17 (US Gr. 9-12)] **CS**  
Learners will understand the terms pharming and phishing and how to prevent these types of malicious attacks.
- **Video Webcast Lesson – Cyber Security: Malicious Code** [Ages 14-17 (Gr. 9-12)] **CS** An investigation of Internet security issues, consequences and security strategies relevant to the spread of malicious code.
- **Video Webcast Lesson – Security Cyber Citizenship** [Ages 14-17 (Gr. 9-12)] **CS**  
An investigation of citizenship issues presented by Internet use focusing on hacking and hactivism, steganography, potentials of terrorists' use of the Internet, and associated legal consequences; provides information on techniques to protect computers from external threats.

## **MODULE: Intellectual Property**

- **Copyright and Fair Use** [Ages 14-17 (US Gr. 9-12)] **IP**  
Lesson and activities will enable students to: Define and identify how plagiarism occurs; and Understand the basic guidelines for use of intellectual property found on the Internet.  
Includes:     *Activity page in Spanish*
- **Cyber Ethics and Peer to Peer Networks** [Ages 14-17 (US Gr. 9-12)] **IP**  
Learners will examine the concept of cyber ethics and how ethics apply within the peer-to-peer network environment.

### **Learn B4U Burn UNIT** [Ages 14-17 (US Gr. 9-12)] **IP**

*Unit of 4 lessons.* Students learn about Internet piracy and the differences between legal and illegal downloading:

- Music Makers: Behind The Scenes Victims [Ages 14-17 (US Gr. 9-12)] **IP**
- Music Copyright Basics [Ages 14-17 (US Gr. 9-12)] **IP**
- Peer-to-Peer Networking [Ages 14-17 (US Gr. 9-12)] **IP**
- Learn Before You Burn [Ages 14-17 (US Gr. 9-12)] **IP**
- **Video Webcast Lesson – Intellectual Property** [Ages 14-17 (US Gr. 9-12)] **IP**  
Identify appropriate use of the Internet and intellectual property by covering the definition of intellectual property, related key terminology, rules, U.S. laws, and consequences.

## **MODULE: Cyber Predator Identification**

- **Online Relationships** [Ages 14-17 (US Gr. 9-12)] **CPI**  
Learners will understand the various types of online relationships that can occur from online communication and understand the implications of the grooming process and willing participation in online socializing.
- **Risk and Research: “Willing Participation”** [Ages 12-17 (US Gr. 9-12)] **CPI**  
Provides a closer investigation of the concept of the willing participant in online relationships with strangers.

## **MODULE: Digital Literacy**

 **Social Networking Privacy and Sharing How-Tos Mini-Lesson SERIES** [Ages 13-17 (US Gr. 8-12)] **DL**

*Series of 4 lessons.* Students explore basic strategies to maintain safety while sharing on social network sharing sites, using the Facebook application as a model. They learn the importance of privacy settings and are able to adjust privacy for a selection of social media and networking functions:

- Exploring Privacy Settings [Age 13-17 (US Gr. 8-12)] **DL**
- Default vs. Customized Settings [Age 13-17 (US Gr. 8-12)] **DL**
- Facial Recognition [Age 13-17 (US Gr. 8-12)] **DL**
- Photo Tagging and Privacy [Age 13-17 (US Gr. 8-12)] **DL**

- **Introduction to Media Literacy** [Ages 14-17 (US Gr. 9-12)] **DL**  
Learners will understand the term “media literacy,” identify types of media involved and understand the importance of media literacy.
- **The Power of Media** [Ages 14-17 (US Gr. 9-12)] **DL**  
Learners will understand the power the media has in changing perceptions and behavior and acknowledge how youth can use the media to make a difference in issues that matter to them.
- **Web Site Validity and Reliability** [Ages 14-17 (US Gr. 9-12)] **DL**  
Learners will understand the term validity, the right to freedom of speech and how online resources are not always well balanced and fair.

### **MODULE: Outreach, Empowerment, Review, and Integrated Curriculum**

- **Youth Empowerment Resources** [Ages 11-17 (US Gr. 6-12)] **OER**  
*Counted as one lesson.* Student Toolkit: A CD or downloadable document of e-Safety “how to” materials and resources that enable students to become e-Safety Mentors and Certified Mentors, teaching Internet safety to others and conducting Internet safety activities and events. Mentor Program PowerPoint: A brief introduction to the i-SAFE i-MENTOR program. Mentor Flyer: Hand-out material for students’ outreach projects.

### **Service Learning Curriculum** [Ages 12-17 (US Gr. 7-12)] **OER**

*Unit of 8 lessons.* Service Learning lessons integrate learning and community service in order to meet education goals and improve the community. Each lesson offers background learning that enables “service to the community” to be completed beneficially for all concerned. The lessons can be used in traditional classrooms, in a specified school Service Learning atmosphere, or in a community-service club setting:

- Public Service Announcements
- Student Assembly Experience
- Community Leaders Meeting
- Brochure Creation/Distribution
- Orientation Presentation
- i-PARENT Presentation
- Library Safe Card Program
- Community Posters

-- End of Unit --

### **MODULE: E-Rate**

#### **NEW Thinking Things Through SERIES** [Ages 12-17 (US Gr. 7-12)] **AOB] ER**

*Series of 2 lessons* covering the routine online activities that young people engage in and force critical thinking and open discussion on the merits and safety/security issues associated with each. The goal is to empower students to make wise choices:

- Video Sharing [Age 12-17 (US Gr. 7-12)] **AOB] ER**
- Online Friending [Age 12-17 (US Gr. 7-12)] **AOB] ER**
- **Online Privacy** [Ages 14-17 (Gr. 9-12)] **AOB] ER**  
Students will be able to take proactive measures to protect themselves online and be able to articulate and communicate their knowledge to their peers.  
Includes:     *Activity page in Spanish*

- **Video Webcast Lesson – “Pornography on the Web”** [Ages 14-18 (US Gr. 9-12) **AOB**] **ER**  
Developed around the winning U.S. High School entry in the Student Filmmaker Contest; presents the problems associated with the ease of access to pornography on the Internet.  
**NOTE:** Educators are cautioned to view the Webcast first and determine whether or not the content is consistent with school policies.
- **Video Webcast Lesson – Privacy and the Internet** [Ages 14-18 (Gr. 9-12) **AOB**] **ER**  
An Introduction to safety online focusing on personal information, online privacy and various forms of online communication.
- **NEW** **Video Posting: Choices and Consequences** [Ages 14-17 (US Gr. 9-12) **AOB**] **ER**  
Students gain an understanding of how private and personal information can be made public when engaging in seemingly safe online video sharing. This lesson helps them develop guidelines to safely and responsibly manage the posting of videos online.
- **Cyber Bullying: Internet and Cell Phone Harassment** [Ages 14-17 (Gr. 9-12) **CB**] **ER**  
Learners will develop a basic understanding of online harassment issues and specifically the role cell phones can play in harassment.
- **Video Webcast lesson – Cyber Harassment: Online Bullying and Stalking** [Ages 11-17 (US Gr. 6-12) **CB**] **ER**  
An investigation of cyber harassment issues focuses on: Definitions of bullying and stalking as they apply to the; Internet, rules, laws, consequences; and the Ryan Halligan story.
- **A Web 2.0 World** [Ages 11-17 (US Gr. 6-12) **SN**] **ER**  
A look at the interactive Web and how to navigate it safely through supporting and coordinating activities.
- **Consequences of Photo Sharing** [Ages 14-17 (US Gr. 9-12) **SN**] **ER**  
This lesson explores the management of digital photo sharing, while giving students an understanding of potential risk levels in determining how to safely and responsibly post and share photos while engaging in online activities.

**Identity Safety UNIT** [Ages 14-17 (US Gr. 9-12) **SN**] **ER**

*Unit of 3 lessons (with guide).* Comprehensive unit looking at one’s online identity – how it is formed, etc.:

- Who Are You Online: An Exploration of Identity [Ages 14-17 (US Gr. 9-12) **SN**] **ER**
- Identity and Online Safety Issues [Ages 14-17 (US Gr. 9-12) **SN**] **ER**
- Identity and Online Security Risk Issues [Ages 14-17 (US Gr. 9-12) **SN**] **ER**

-- End of Unit --

- **Online Social Networking: A New Way to Socialize** [Ages 14-17 (Gr. 9-12) **SN**] **ER**  
Learners will examine the risks and benefits associated with providing personal information through online social networking.

- **Social Networking Risks** [Ages 14-17 (Gr. 9-12) **SN**] **ER**  
A look at how to network online and the types of networking opportunities.  
Includes:     *Activity page in Spanish*
- **Video Webcast Lesson – Cyber Relationships** [Ages 14-17 (US Gr. 9-12) **SN**] **ER**  
An investigation of safety in online communication focusing on how people interact and strategies for safe online interaction.
- **Video Webcast Lesson – Social Issues** [Ages 14-17 (Gr. 9-12) **SN**] **ER**  
Developed around a collection of student-produced videos on Internet social issues, including the grooming process, online identities and online relationships.
- **Your Digital Footprint** [Ages 11-17 (US Gr. 6-12) **SN**] **ER**  
Students will understand how their actions impact their footprint online.