Comprehensive i-SAFE Curriculum International Scope of Lessons and Language Availability

The i-SAFE comprehensive curriculum provides a unique approach to Internet safety education, by meaningfully integrating the elements of current best practices in pedagogy and instructional design with pertinent topics. This curricular design is further enhanced by the provision of flexible options for 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 the comprehensive instructional materials include, but are not limited to, the following:

- 146 lessons for ages 5-18 (Ages 5-7: 12) (Ages 8-9: 23) (Ages 10-11: 39) (Ages 12-13: 42) (Ages 14-18: 30)
- 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, and corresponding teacher resource newsletters

Program curricula covers the basics such as personal safety and cyber citizenship, as well as delving into current and future trends/issues such as 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 this alignment, comprehensive lessons have been divided into core themes that include:

- Cyber Community Citizenship
- Online Personal Safety
- Cyber Predator Identification
- Cyber Security
- Intellectual Property

The following charts provide the scope of lessons offered within each age grouping. One lesson from each age grouping is designated as a free sample. Current language availabilities are indicated in the far right hand column, next to each lesson.

i-SAFE Comprehensive Program Scope of Lessons for and Available Language Options
Ages 5-7

Program Theme	Sample Lesson	Comprehensive Program Lessons/Scope (12)	Language Availability
Cyber Community Citizenship This theme establishes the comparison of the people, places, and behaviors found in the physical community to those found in the cyber community. It is recommended that Cyber Community Citizenship be the first Internet safety theme introduced to young children in order to establish meaningful understanding of the abstract concept of Cyberspace.	**Online Behavior with Netiquette** Ages 5-7 (US Grade K-2) 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.	**The Cyber Community** [Age 5 (US Grade K)] The i-SAFE character, i-Buddy, is used to introduce the abstract concept of a community on the Internet through interactive hands –on activities. Strategy introduced: students should have adult assistance when using the Internet.	English Spanish Portuguese French German Korean
		Cyber Citizens in the Cyber Community [Age 6 (US Grade 1)] The i-SAFE character, i-Buddy, is used to introduce the abstract concept of a community on the Internet, and to reinforce that students should have adult assistance when using the Internet. • Cyberspace is described as a community that contains places to visit, just like 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	English Spanish Portuguese French German Korean
		Cyber Citizenship [Age 7 (US Grade 2)] Concepts presented in the previous age level are reviewed and built upon by introducing the following: • a community has rules to help keep its citizens safe • good citizenship in the community is compared to Internet citizenship	English Spanish Portuguese French German Korean
		Online Behavior with Netiquette (Provided as sample in English) [Ages 5-7 (US Grade K-2)]	English

Personal Safety Online This theme addresses the issues posed by unsafe online communication and interaction, including the implications of posting personal information.	Age-group sample not available	**Grade K Personal Safety** [Age 5 (US Grade K)] The i-SAFE character, i-Buddy, is used to introduce the abstract concept of safety while online, and to reinforce 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	English
		Grade 1 Personal Safety [Age 6 (US Grade 1)] 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	English
		Grade 2 Personal Safety [Age 7 (US Grade 2)] Grade 1 concepts are introduced and built upon by introducing the following: • The importance of rules and laws • Expansion of Internet safety tips description	English
		Safety and Identity [Ages 6-7 (US Grades 1-2)] An activity designed to demonstrate the meaning of personal or identifying information.	English

Cyber Security This theme age-appropriately addresses the issues and resolutions concerning computer worms, viruses, and Trojan horses.		**Grade K Cyber Security** [Age 5 (US Grade K)] The i-SAFE character, i-Buddy, is used to introduce the abstract concept of the computer virus, and to reinforce that students should have adult assistance when using the Internet.	English

Cyber Security Ages 5-7 continued		**Grade 1 Cyber Security** [Age 6 (US Grade 1)] Grade K concepts are introduced and built upon by introducing new terminology and discussion Concept introduction: a computer virus is a computer program.	English
		Grade 2 Cyber Security [Age 7 (US Grade 2)] Grade 1 concepts are introduced and built upon by introducing expanding explanations, vocabulary, and age appropriate computer virus prevention techniques.	English
		E-mail Safety [Ages 6-7 (US Grades 1-2)] This lesson introduces the concept that keeping young children safe requires having the help of a responsible adult when opening or sending e-mail.	English

i-SAFE Comprehensive Program Scope of Lessons for and Available Language Options
AGES 8-9

Program Theme	Sample Lesson	Comprehensive Program Lessons/Scope (23)	Language Availability
Cyber Community Citizenship This theme establishes the comparison of the people, places, and behaviors found in the physical community to those found in the cyber community. It is recommended that Cyber Community Citizenship be the first Internet safety theme introduced to young children in order to establish meaningful understanding of the abstract concept of Cyberspace.	Age-group sample not available	**Places in Cyberspace** [Age 8 (US Grade 3)] 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 • terminology introduction and discussion: appropriate and inappropriate, and how the terms apply to Internet use • age-appropriate strategies are introduced to exit Web sites • students complete activities in a mini-booklet to express their ideas and reinforce concepts introduced	English Spanish Portuguese French German Korean
		The Cyber Community [Age 9 (US Grade 4)] 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 • concept introduction: inappropriate Web sites can be fixed so that responsible cyber citizens cannot get out of them very easily • students express their ideas and reinforce concepts introduced	English Spanish Portuguese French German Korean
		Communicating with Netiquette [Ages 8-9 (US Grades 3-4)] This lesson uses the concept of Cyberspace as a community, where real people interact without being able to actually see each other, to introduce and reinforce the concept of netiquette use.	English
Sub-topic: Cyber Bullying	Age-group sample not available	**Cyber Bullying** [Age 8 (US Grade 3)] The concepts of cyber bullying as compared to kindness online are introduced through a focus of relating them to behaviors in the physical world. Netiquette is introduced. Students identify courses of action and resources.	English
		Cyber Bullying [Age 9 (US Grade 4)] The concepts of cyber bullying and kindness online are introduced with a focus on netiquette. Students identify courses of action and resources.	English

Personal Safety Online	Age-group sample not available	**Personal Cyber Safety** [Age 8 (US Grade 3)] Information about online personal safety is covered by: • discussion of the general Internet safety tips • concept expansion: definition, identification, and discussion of the term "trusted adult"	English Spanish Portuguese French German Korean
This theme addresses the issues posed by unsafe online communication and interaction, including the implications of posting personal information.		**Online Personal Safety** [Age 9 (US Grade 4)] Information about online personal safety is covered by: • discussion of the general Internet safety tips • concept expansion: definition, identification, and discussion of the term "trusted adult"	English
		Cyber Citizenship and Safety Online [Ages 8-9 (US Grades 3-4)] Introduces the concept that the Internet is part of an online community which necessitates certain safety rules. Learners will: • explore the concept of the Internet as an online community comparable to the physical community • be introduced to the concept that there are rules one must follow when online • share what has been learned with a family member	English Spanish Portuguese French German Korean
		Play it Safe Online [Ages 8-9 (US Grades 3-4)] PowerPoint facilitated presentation to highlight the ways personal, identifying information is revealed through Internet communications.	English
		Safety and Identity [Ages 8-9 (US Grades 3-4)] Supplemental lesson/activity to the core Personal Safety; An activity designed to demonstrate the meaning of personal/identifying information.	English
		Text Messaging Safety [Ages 8-9 (US Grades 3-4)] Introduction to specific text messaging and its associated safety strategies (including cell phones).	English

Cyber Security This theme addresses the issues and resolutions concerning computer worms, viruses, Trojan horses, and spyware. It also age-appropriately explores security concerns associated with online identity theft.	Sample (English): **Malicious Code in E-mail** Ages 8-9 (US Grades 3-4) 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	**Cyber Security and Computer Viruses** [Age 8 (US Grade 3)] Age 7 concepts are introduced and built upon by introducing expanding explanations, vocabulary, and age-appropriate computer virus prevention techniques.	English
		Grade 4 Cyber Security [Age 9 (US Grade 4)] Age 8 concepts are introduced and built upon by introducing the following: • Terminology introduction and discussion: e-mail forwards. • Terminology introduction and discussion: automatically, as it is related to viruses and e-mail. • Reinforcement of appropriate computer virus prevention techniques.	English
		Spam Scam Safety [Ages 8-9 (US Grades 3-4)] 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.	English
		Malicious Code in E-mail (Provided as Sample in English)	English

Intellectual Property This theme explores the issues of online behaviors of youth as they concern intellectual property rights, copyright, and the risks of downloading online content illegally	Age-group sample not available	**Grade 3 Intellectual Property UNIT (4 lessons)** [Age 8 (US Grade 3)] • Intellectual Property Overview • Intellectual Property Vocabulary Review • Introduction to Piracy • Be Responsible with Intellectual Property 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.	English
		Grade 4 Intellectual Property UNIT (4 lessons) [Age 9 (US Grade 4)] • Intellectual Property Overview • Intellectual Property Vocabulary Review • Introduction to Piracy • Cite Your Source Responsibly 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.	English

i-SAFE Comprehensive Program Scope of Lessons for and Available Language Options
AGES 10-11

Program Theme	Sample Lesson	Comprehensive Program Scope of Lessons (39)	Language Availability
Cyber Community Citizenship Focusing on this theme establishes the comparison of the people, places, and behaviors found in the physical community to those found in the cyber community.		**The Cyber Community** [Age 10 (US Grade 5)] 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	English Spanish Portuguese French German Korean
		Responsible Cyber Citizens [Age 11 (US Grade 6)] 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	English Spanish Portuguese French German Korean
		Safe Website Design [Ages 10-11 (US Grades 5-6)] Learners develop a comprehensive understanding of safety tips to remember when designing and building their own Web sites.	English
		Negative Networking (Gangs Online) [Ages 10-11 (US Grades 5-6)] 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.	English
Sub-topic: Cyber Bullying	Age-group sample not available	**Grade 5: Cyber Bullying** [Age 10 (US Grade 5)] 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.	English
		Grade 6 Cyber Bullying [Age 11 (US Grade 6)] Students investigate and identify key concepts associated with cyber bullying and netiquette including an expansion of definitions, and discussion of motivations of bullies.	English

Sub-topic: Cyber Bullying continued		**Video Webcast lesson**– Cyber Harassment: Online Bullying and Stalking [Age 11 (US Grade 6)] An investigation of cyber harassment issues focuses on definitions of bullying and stalking as they apply to the Internet; rules, laws, and consequences, and the Ryan Halligan story.	English
Personal Safety Online This theme addresses the issues posed by unsafe online communication and interaction, including the implications of posting personal information.	Sample Lesson: **Text Messaging Safety** Ages 10-11 (US Grades 5-6) Students will become more familiar with online communication and its personal and security consequences related to text or instant messaging (IM). This includes developing an understanding of the need for basic safety rules and netiquette usage when instant messaging.	**Grade 5 Personal Safety UNIT** A selection of lessons designed to be taught as a complete unit, but can also be implemented individually. **Safety in Online ID (PS10_1)** [Age 10 (US Grade 5)] A variety of interactive activities will enable students to: • state the dangers 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 dangers in choosing an unsafe password • identify strategies for making passwords safe • demonstrate that they can choose a safe and secure password and user name	English Spanish Portuguese French German Korean
		Protecting Personal Information (PS10_2) [Age 10 (US Grade 5)] 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	English Spanish Portuguese French German Korean
		Online Strangers, Predators, and the Grooming Process (PS10_3) [Age 10 (US Grade 5)] Provides an in-depth investigation into the concept of providing indirect information.	English
		Grade 5 Online Personal Safety Review and Action (PS10_4) [Age 10 (US Grade 5)] Review activities to reinforce personal safety unit concepts.	English

Personal Safety Online Ages 10-11 continued		**Grade 6 Personal Safety UNIT** A selection of lessons designed to be taught as a complete unit, but can also be implemented individually. **Safeguarding Your Identity: Screen names and Passwords (PS11_1)** [Age 11 (US Grade 6)] Activities will enable students to: • state the dangers 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 dangers in choosing an unsafe password • identify strategies for making passwords safe • demonstrate that they can choose a safe and secure password and user name	English Spanish Portuguese French German Korean
		- **Personal Privacy Bingo (PS11_2)** [Age 11 (US Grade 6)] 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	English Spanish Portuguese French German Korean
		- **Online Strangers, Predators, and the Grooming Process (PS11_3)** [Age 11 (US Grade 6)] Provides an in-depth investigation into the concept of providing indirect information.	English
		- **Grade 6 Online Personal Safety Review and Action (PS11_4)** [Age 11 (US Gr. 6)] Review activities to reinforce personal safety unit concepts.	English
		Web Logs: A Positive Approach to Blogging [Ages 10-11 (US Grades 5-6)] The concepts of personal Web logs (blogging) and relevant safety issues are introduced.	English

		Play it Safe Online [Ages 10-11 (US Grades 5-6)] PowerPoint facilitated presentation to highlight the ways personal identifying information is revealed through Internet communications.	English
		Online Shopping Risks [Ages 10-11 (US Grades 5-6)] Supplemental lesson/activity to the core Personal Safety Unit; Investigates safety and security issues surrounding online shopping.	English
Cyber Predator Identification At this age level, students are introduced to the grooming process used by Internet predators.	Age-group sample not available	**Grades 5 Cyber Predator Identification** [Age 10 (US Grade 5)] 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.	English
		Grades 6 Cyber Predator Identification [Age 11 (US Grade 6)] 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.	English
		Willing Participant [Age 11 (US Grade 6)] Provides a closer investigation of the concept of the willing participation in online relationships with strangers.	English

Cyber Security This theme addresses the issues and resolutions concerning computer worms, viruses, Trojan horses, and spyware. It also		**Cyber Security** [Age 10 (US Grade 5)] Through discussion and interactive activities, students will: • develop an understanding of the vocabulary terms: *malware, malicious,* and *code* • develop an understanding of proper e-mail protocol, and the necessity of using caution when opening e-mail to protect computer security	English Spanish Portuguese French German Korean

age-appropriately explores security concerns associated with online identity theft.		**Age 11: Security and E-mail Protocol** [Age 11 (US Grade 6)] Through discussion and interactive activities, students will: • develop an understanding of proper e-mail protocol, and the necessity of using caution when opening e-mail to protect computer security • develop tips to inform others about cyber security issues • develop and broadcast slogans to share with others	English Spanish Portuguese French German Korean
		Acceptable Use Policies [Ages 10-11 (US Grades 5-6)] Learners become familiar with what an acceptable use policy is, their school/district's AUP, and how to offer suggestions for revision based on what they have learned.	English
		Spyware Risks [Ages 10-11 (US Grades 5-6)] 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.	English

Intellectual Property This theme explores the issues of online behaviors of youth as they concern intellectual property rights, copyright, and the risks of downloading online content illegally	Age-group sample not available	**Intellectual Property** [Age 10 (US Grade 5)] Students develop an understanding of the concept of intellectual property and responsible use through student activities that include: • discussion and KEWL Chart completion • development and broadcast of a public service announcement	English Spanish Portuguese French German Korean
		Grade 6 Intellectual Property Basics [Age 11 (US Grade 6)] Students 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, software • create slogans to inform others about what they have learned	English Spanish Portuguese French German Korean

Intellectual Property Ages 10-11 continued		**Intellectual Property Vocabulary Practice** [Age 10 (US Grade 5)] Reviews and reinforces vocabulary used in the study of intellectual property on the Internet.	English
		Music Makers [Ages 10-11 (US Grades 5-6)] An exploration of how piracy affects music industry personnel and the economy.	English
		Piracy Primer [Ages 10-11 (US Grades 5-6)] An introduction to music piracy on the Internet and its impact on industry.	English
		Plagiarism Essentials [Ages 10-11 (US Grades 5-6)] Introduction to plagiarism definitions: Introduces strategies to use intellectual property properly and avoid plagiarism	English
		Cite Your Source [Ages 10-11 (US Grades 5-6)] Age-appropriate instruction on how to cite Internet sources.	English
		Anti-Piracy PowerPoint Lesson [Ages 10-11 (US Grades 5-6)] PowerPoint lesson reviewing piracy basics	English
		Intellectual Property Review PowerPoint Lesson [Ages 10-11 (US Grades 5-6)] PowerPoint lesson to review major concepts taught in the i-SAFE Intellectual Property lessons.	English

Integrating Internet Safety into other Academic Subjects	Age-group sample not available	**Introduction to Graphing w/ Cyber Safety** [Ages 10-11 (US Grades 5-6)] Learners develop their understanding of online dangers through a math-themed lesson in which students make bar graphs.	English
		Integrated Literacy: Focus Cyber Community **Integrated Literacy: Focus Cyber Security** [Ages 10-11 (US Grades 5-6)] A review of Internet safety topics is accomplished through the completion of language arts projects.	English English

i-SAFE Comprehensive Program Scope of Lessons for and Available Language Options
AGES 12-13

Program Theme	Sample Lesson	Comprehensive Program Scope of Lessons (42)	Language Availability
Cyber Community Citizenship Focusing on this theme establishes the comparison of the people, places, and behaviors found in the physical community to those found in the cyber community.		**Cyber Community Citizenship** [Age 12 (US Grade 7)] Students will develop a comprehensive understanding of the concept of community and its application to the Internet through: • class discussion • peer Interviews • statistic compilation and analysis **Citizenship in the Cyber Community** [Age 13 (US Grade 8)] Students will explore the validity issues of information posted online through: • class discussion • creation of Web site evaluation tool • evaluation of sample Web pages Students will create posters to inform others how to evaluate Web sites.	English Spanish Portuguese French German Korean English Spanish Portuguese French German Korean
		Social Networking [Ages 12-13 (US Grades 7-8)] An investigation of the current trends in usage of social networking sites, safety strategies for social networking, and the positive uses of these activities.	English
		Safe Web Site Design [Ages 10-13 (US Grades 5-8)] Learners develop a comprehensive understanding of safety tips to remember when designing and building their own Web sites.	English
		Negative Networking (Gangs Online) [Ages 10-13 (US Grades 5-8)] 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.	English
Sub-topic: Cyber Bullying	Age-group sample not available	**Grade 7 Cyber Bullying** [Age 12 (US Grade 7)] Students investigate and identify key concepts associated with cyber bullying and netiquette including an expansion of definitions, discussion of consequences of cyber bullying, and techniques to avoid/report bullying.	English

		Grade 8 Cyber Bullying [Age 13 (US Grade 8)] 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.	English
		Video Webcast Lesson– Cyber Harassment: Online Bullying and Stalking [Ages 12-13 (US Grades 7-8)] An investigation of cyber harassment issues focuses on definitions of bullying and stalking as they apply to the Internet; rules, laws, and consequences, and the Ryan Halligan story.	English
Personal Safety Online This theme addresses the issues posed by unsafe online communication and interaction, including the implications of posting personal information.	Age-group sample not available	**Grade 7 Personal Safety UNIT** A selection of lessons designed to be taught as a complete unit, but can also be implemented individually. **Safety in Screen Names and Passwords (PS12_1)** [Age 12 (US Grade 7)] Students will engage in activities that enable them to: • state the dangers in choosing an unsafe username • classify the types of personal information that should be avoided in constructing a safe username • assess the dangers in choosing an unsafe password • identify strategies for making passwords safe • assess the impact of filling out an online profile • develop basic rules for online safety - **Who Knows What About You? (PS12_2)** [Age 12 (US Grade 7)] Students explore the issues and risks of posting personal information online and will: • comprehend that anyone met exclusively online is a stranger • recognize how to respond appropriately to Internet strangers • creation of safety rules for online postings - **Online Strangers, Predators, and the Grooming Process (PS12_3)** [Age 12 (US Grade 7)] Offers an in-depth investigation into the concept of providing indirect information.	English Spanish Portuguese French German Korean English Spanish Portuguese French German Korean English

Personal Safety Online Ages 12-13 continued			**Grade 7 Online Personal Safety Review and Action (PS12_4)** [Age 12 (US Grade 7)] Review activities to reinforce personal safety unit concepts.	English
			Grade 8 Personal Safety UNIT A selection of lessons designed to be taught as a complete unit, but can also be implemented individually.	
			Personal Safety: Understanding the Issues (PS13_1) [Age 13 (US Grade 8)] 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 • identify risk elements of screen names, passwords, and profiles	English Spanish Portuguese French German Korean
			Proactive Protection Online (PS13_2) [Age 13 (US Grade 8)] Students will explore the issues and risks of posting personal information online and practice taking proactive steps in keeping personal information private.	English
			Online Strangers, Predators, and the Grooming Process (PS13_3) [Age 13 (US Grade 8)] Provides an in-depth investigation into the concept of providing indirect information.	English
			Grade 6 Online Personal Safety Review and Action (PS13_4) [Age 13 (US Grade 8)] Review activities to reinforce personal safety unit concepts.	English
			Web Logs: A Positive Approach to Blogging [Ages 12-13 (US Grades 7-8)] The concepts of personal Web logs (blogging) and relevant safety issues are introduced.	English
			Play it Safe Online [Ages 12-13 (US Grades 7-8)] PowerPoint facilitated presentation to highlight the ways personal, identifying information is revealed through Internet communications.	English

Personal Safety Online Ages 12-13 continued		**Online Shopping Risks** [Ages 12-13 (US Grades 7-8)] Supplemental lesson/activity to the core Personal Safety Unit; investigates safety and security issues surrounding online shopping.	English
		Legal Trends in Cyber Safety and Security [Ages 12-13 (US Grades 7-8)] Investigates current legal trends concerning the Internet.	English
Cyber Predator Identification At this age level, students are introduced to the grooming process used by Internet predators.	**Grooming Process Awareness** This lesson introduces key concepts of cyber safety and is designed to raise an awareness of the grooming techniques used by predators, and demonstrate an understanding of how to avoid online predators	**Grades 7 Cyber Predator Identification** [Age 12 (US Grade 7)] 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.	English
		Grades 8 Cyber Predator Identification [Age 13 (US Grade 8)] 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.	English
		Willing Participant [Ages 11-13 (US Grades 6-8)] Provides a closer investigation of the concept of the willing participation in online relationships with strangers.	English
		Grooming Process Awareness (Provided as sample in English)	English

Cyber Security This theme addresses the issues and resolutions concerning malicious codes. It also age-appropriately explores security concerns associated with online identity theft.	Age-group sample not available	**Malware Issues** [Age 12 (US Grade 7)] 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 • inform others about cyber security issues	English Spanish Portuguese French German Korean

Cyber Security Ages 12-13 continued		**Point of Attack: Malware** [Age 13 (US Grade 8)] 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.	English Spanish Portuguese French German Korean
		Acceptable Use Policies [Ages 12-13 (US Grades 5-6)] Learners become familiar with what an acceptable use policy is, their school/district's AUP, and how to offer suggestions for revision based on what they have learned.	English
		Spyware Risks [Ages 12-13 (US Grades 5-6)] 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.	English
		Identity Theft [Ages 12-13 (US Grades 5-6)] Explores the security issues involved in the online theft of identity.	English

Intellectual Property This theme explores the issues of online behaviors of youth as they concern intellectual property rights, copyright, and the risks of downloading online content illegally	Age-group sample not available	**Grade 7 Intellectual Property Basics** [Age 12 (US Grade 7)] Students will complete a cause/effect chart and engage in the development and presentation of Public Service Announcements (PSA) to: • make a distinction between tangible property and intellectual property • develop an understanding that intellectual property works 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: music, videos, software, etc.	English Spanish Portuguese French German Korean
		Plagiarism Basics [Ages 12-13 (US Grades 7-8)] Activities will enable students to: • define and identify how plagiarism occurs • understand the basic guidelines for use of intellectual property found on the Internet • create simple rules or tips to serve as reminders of intellectual property responsibilities	English Spanish Portuguese French German Korean

Intellectual Property Ages 10-11 continued		**P2P Networking** [Ages 12-13 (US Grades 7-8)] Students will: • identify legal and valid uses of peer-to-peer networks • understand the basic consequences of peer-to-peer networking • research relevant information on P2P networks • develop and broadcast a Public Service Announcement or poem/jingle	English Spanish Portuguese French German Korean
		Copyright Basics [Ages 12-13 (US Grades 7-8)] Learners will understand how copyright laws affect their use of the Internet, as well as how copyright can apply to their own work.	English
		Learn Before You Burn [Ages 12-13 (US Grades 7-8)] Students learn about Internet piracy and the differences between legal and illegal downloading.	English
		Anti-Piracy PowerPoint Lesson [Ages 12-13 (US Grades 7-8)] PowerPoint lesson reviewing piracy basics	English
		Intellectual Property Review PowerPoint Lesson [Ages 12-13 (US Grades 7-8)] PowerPoint lesson to review major concepts taught in the i-SAFE Intellectual Property lessons.	English

Integrating Internet Safety into other Academic Subjects	Age-group sample not available	**Introduction to Graphing with Internet Safety** [Ages 10-13 (US Grades 5-8)] Learners develop their understanding of online dangers through a math-themed lesson aimed at teaching basic graphing skills. Students practice making bar graphs.	English
		More Graphing with Internet Safety [Ages 12-13 (US Grades 7-8)] Learners will continue developing their understanding of online dangers through a math-themed lesson aimed at using graphing skills. Students learn three basic graph types along with their primary functions: line graph, bar graph, and circle graph.	English

Integrating Internet Safety into other Academic Subjects continued		**Survey and Statistics** [Ages 12-13 (US Grades 7-8)] Learners will continue developing their understanding of online dangers (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.* - **Word Problems and Algebraic Equations** [Ages 12-13 (US Grades 7-8)] 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.	English English
		Integrated Literacy: Focus Cyber Harassment **Integrated Literacy: Focus Personal Safety** [Ages 12-13 (US Grades 7-8)] A review of Internet safety topics is accomplished through the completion of language arts projects.	English English

i-SAFE Comprehensive Program Scope of Lessons for and Available Language Options
AGES 14-18

Program Theme	Sample Lesson	Comprehensive Program Scope of Lessons (30)	Language Availability
Cyber Community Citizenship This theme establishes the comparison of the people, places, and behaviors found in the physical community to those found in the cyber community.	**Online Social Networking: A new way to socialize** Learners will examine the risks and benefits associated with providing personal information through online social networking.	**Community with Survey** Students identify and discuss their understanding of the comparison between the physical community and the cyber community, including their behaviors within those communities. 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 • be able to articulate and communicate their knowledge and understanding of the cyber community to peers and others Student activities include survey completion and compilation of results.	English Spanish Portuguese French German Korean
		Emerging Leaders: Cyber Citizens Learners will develop a basic understanding of online issues and their role as cyber citizens and emerging online leaders.	English
		Online Freedoms and the Culture of the Internet An investigation of Internet related laws in the United States and how other countries compare.	English
		Online Gambling An investigation of the dangers and consequences of online gambling	English
		Video Webcast Lesson: Social Issues Developed around a collection of student-produced videos on Internet social issues, including the grooming process, online identities, and online relationships	English
		Online Social Networking: A New Way to Socialize (Provided as sample in English)	English

Sub-topic: Cyber Bullying	Age-group sample not available	**Cyber Bullying: Internet and Cell Phone Harassment** Learners will develop a basic understanding of online harassment issues and specifically the role cell phones can play in harassment.	English
		Video Webcast lesson– Cyber Harassment: Online Bullying and Stalking An investigation of cyber harassment issues focuses on definitions of bullying and stalking as they apply to the Internet; rules, laws, and consequences, and the Ryan Halligan story.	English
Personal Safety Online This theme addresses the issues posed by unsafe online communication and interaction, including the implications of posting personal information.	Age-group sample not available	**Online Shopping Risks** Supplemental lesson/activity to the core Personal Safety Unit; investigates safety and security issues surrounding online shopping.	English
		Cyber Life Skills Unit 1 (3 lessons) Age level: Young Adult Units of lessons provided in workbook style addressing tasks and activities commonly done on the Internet including research, commerce, socializing, applying for a job, etc. Includes Teacher's Guide and workbook lessons. - **Cyber Life Skills Unit 2 (3 lessons)** Age level: Young Adult Units of lessons provided in workbook style addressing tasks and activities commonly done on the Internet including research, commerce, socializing, applying for a job, etc. Includes: Teacher's Guide and workbook lessons.	English English
		Video Webcast Lesson: Privacy and the Internet An introduction to safety online focusing on personal information, online privacy, and various forms of online communication	English
		Video Webcast Lesson: Pornography on the Web Developed around the winning US high school entry in the Student Filmmaker Contest; presents the problems associated with the ease of access to pornography on the Internet. Note: Educators will be cautioned to view the Webcast first and determine whether or not the content is in accordance with school policies.	English

Cyber Predator Identification At this age level, students are introduced to the grooming process used by Internet predators.	Age-group sample not available	**Online Relationships** Students explore the issues surrounding online relationships including those that may be harmful, and will: • understand the various types of online relationships that can occur from online communication • be able to define the terms predator, grooming process, and willing participant • understand the implications of the grooming process and willing participation in risky online behavior	English Spanish Portuguese French German Korean
		Video Webcast Lesson: Cyber Relationships An investigation of safety in online communication focusing on how people interact and strategies for safe online interaction	

Cyber Security This theme addresses the issues and resolutions concerning computer worms, viruses, Trojan horses, and spyware. It also age-appropriately explores security concerns associated with online identity theft.	Age-group sample not available	**Malware Protection** Students will learn how to better protect their computers from malicious code, such as viruses, Trojan horses, worms, and spyware	English Spanish Portuguese French German Korean
		Phishing and Pharming Scams Learners will understand the terms pharming and phishing and how to prevent these types of malicious attacks.	English
		Identity Theft 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 • create brochures that include strategies to avoid online identity theft	English
		Legal Trends in Internet Safety and Security A look at current legal trends concerning the Internet	English
		Video Webcast Lesson – Security: Malicious Code An investigation of Internet security issues, consequences, and security strategies relevant to the spread of malicious code	English

		Video Webcast Lesson: Security: Cyber Citizenship An investigation of citizenship issues presented by Internet use focusing on hacking and hactivism, steganography, potentials of terrorist use of the Internet, and associated legal consequences; provides information on techniques to protect computers from external threats.	English

Intellectual Property This theme explores the issues of online behaviors of youth as they concern intellectual property rights, copyright, and the risks of downloading online content illegally	Age-group sample not available	**Cyber Ethics and Peer to Peer Networking** Learners will examine the concept of cyber ethics and how ethics apply within the peer-to-peer network environment.	English
		Plagiarism and the World Wide Web Lesson and activities will enable students to: • define and identify how plagiarism occurs • understand the basic guidelines for use of intellectual property found on the Internet	English
		Music Makers: Behind the Scenes Victims An exploration of how piracy affects music industry personnel and the economy.	English
		Learn Before You Burn Students learn about Internet piracy and the differences between legal and illegal downloading.	English
		Video Webcast Lesson – Intellectual Property Identify appropriate use of the Internet and intellectual property by covering the definition of "intellectual property", related key terminology, rules, US laws, and consequences.	English