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SAFE WEB SITE DESIGN

i-SAFE Lesson Plan – Suggested Grade Levels 5-8

Learning Objectives

Learners will design and build a Web site using Internet safety principles.

Enrichment Goal

i-SAFE enrichment activities are designed so that they can be implemented by students. Provide your students with the necessary reference materials included with this lesson plan and guidance on how they can complete this activity. Suggestions include getting support from an adult advisor, school club, student council, technology team, etc. i-SAFE also offers a wide range of online support for students who register (free of charge) at www.isafe.org, including the i-Mentor Training Network videos.

Learners will be provided with reference materials to engage in an enrichment activity, which includes creating a Web site to demonstrate safe Web site design concepts.

Materials / Preparation

- computer access for HTML activity (optional)
- a copy of reference pages for each student
- a copy of activity pages for each student
- student registration in mentor program at www.isafe.org
- optional: PowerPoint presentation for this lesson is available

Lesson Procedures

All students participating in the i-SAFE curriculum are considered to be mentors. If they haven't done so already, have students enroll online by clicking on "Create Account" at www.isafe.org to take full advantage of the support and incentives offered. This may be done at any time during the lessons, or students may complete this registration at home. If you would like to register your students yourself simply go to <http://www.isafe.org/teachermentorprogram> and fill out the information for your students and e-mail to outreach@isafe.org. Your students will then be enrolled to receive information about sharing internet safety with other students and will be registered to participate in contests to win prizes.

Discussion 1

Engage the learners in a brief discussion in which they discuss personal Web sites:

- Why build a personal Web site? For fun, to meet people, to share common interests, etc.
- Ask students - how many have built their own Web site? What do they incorporate into their Web sites?
- If no one has a Web site, what would they like their Web site to include if they were to build one?
- What are some common components of personal Web sites these days? Listing interests, photos, blogs, webcams, journals, etc.
- Brainstorm with students:
 - ♦ What are potential dangers associated with building your own Web site?
Attracting predators, bullies, releasing personal information, etc

Activity

Choose one of the following options (for classrooms with computers and Internet access, or for classrooms without computers and Internet access):

With Computers

- Each student should receive the activity page: What's Wrong?
- Have students access the mock student webpage via the optional HTML activity link.
- Allow students 7 minutes to complete the activity page.
- Proceed to Discussion 2.

Without Computers

Direct the students to engage in the project activity as directed on the activity page.

- Each student should receive the activity page: What's Wrong?
- In addition, hand out Trina's webpage reproduction. This is a paper version of a mock Web site for students to evaluate.
- Allow students 7 minutes to complete the activity page.
- Proceed to Discussion 2.

Discussion 2

Review with students what they have learned from the activity: (Use the Teacher's

Answer guide to help answer the following discussion questions)

- What types of information did Trina's webpage give away?
- What are some areas for potential danger?
- How could Trina's webpage be made safer?

Discuss your school's Web site.

- Does your school allow photos of children or children's work to be posted on it?
- Are the photos connected to personal information about students?
- Are there ways to make it safer?

Peer-to-Peer Activity

Divide students into groups of three or four. Direct the students to engage in the project activity as directed on the activity page.

- Each group receives an activity page: Web site Do's and Don'ts.
- Have students brainstorm in their groups some rules for designing safe Web sites.
- Option: Have students design posters displaying the safety rules they have developed in their groups to hang in the classroom and around the school.
- Proceed to Discussion 3.

Discussion 3

Provide time for the student groups to present their Web site design safety rules, and discuss. Each group should briefly include the following during the presentation:

- Share their rules on safe Web site design.
- Discuss what they learned from the Web site safety assignment.
- Post i-SAFE's examples of Web site Do's and Don'ts for comparison and to wrap up discussion.

Concluding Discussion

- Review with students the successful tips they have developed for safe and secure Web site design.
- Discuss why it is important to discuss this issue with others outside of the classroom.
- Encourage students to make a difference in their school when it comes to issues such as safe Web site design by registering at **www.isafe.org** for additional activities, materials, and support concerning this and other issues.
- Lead into a discussion about the enrichment activity.

Enrichment Activity

Youth who participate in activities to share what they have learned about Internet safety are more likely to practice safe habits online.

Additional support for students, teachers, and parents on Internet safety topics are available from i-SAFE Inc. **www.isafe.org**.

Hand out the Design a Web site reference page

- Students create a personal Web site following the guidelines developed in this lesson.
- Include the information learned from i-SAFE and safe Web site design tips on the Web site.
- Have a link to pages on your schools homepage so parents and the community can view the Web sites.
- Make sure all Web sites are appropriate and follow safe Web site design guidelines.
- Inform i-SAFE – send a link to the Web site to **teachers@isafe.org**.

Contact us

- We'd like to hear from you! E-mail **teachers@isafe.org** to share any unique ideas and/or experiences you had during implementation of this lesson.
- Students who participate in enrichment activities may be eligible for i-SAFE's monthly Most Valuable Mentor award – let us know about deserving students.

MY WEBPAGE—All About Trina Scleen!!!

All About Trina Scleen!!!



My Blog

My Friends

My Picture Gallery

**A Streaming Video
of me Signing**

This site is all about me! My favorite topic if you discount boys, TV, and talking on the phone!

I was born March 1st, 1991 in Micanto. Unfortunately we live in what isn't the best neighborhood (near the railroad tracks at 5th and 7th). I went to Elementary school at Crossover and now I'm at Hawthorne Middle School.

I'm not to into school activities or anything. Although I do want to cheer when I get to High School. I like to practice with my friends Mona and Lisa. You should check out our pics on my pics page. We all hang out a lot and love to shop. I just wish I could afford all the stuff I wanted :-)

I guess I should mention my little sister also - Yuck! She was born three years after me. She is a PAIN!!! Everyone thinks she is so cute and adorable. Her nickname is actually PRINCESS! Well you can see for yourself - she's in the picture gallery too. Personally I don't care if I never see her again.

I guess really the only geeky thing I love to do is Computers. I love to maintain my webpage and daily blog of my life. I'm almost always on IM. So, if you have any questions about me, or if you'd just like to talk about something, my e-mail address is Trinagarringer@aol.com and my AIM screen name is TrinasDesktop. Feel free to contact me through either.

Oh! And if you want to e-mail my friends:

Mona's e-mail: mmmm27@aol.com

Lisa's e-mail: born2shopandcheer@aol.com

What's Wrong?

So you think you've got it all figured out. You're an Internet safety guru. You've been through the i-SAFE lessons. You know to pick a safe screen name and not to chat with strangers. You've got virus protection software, a firewall, and know better than to open attachments. You stick to monitored chat rooms and are careful what you reveal. You're totally safe – Right? What about your personal Web site? Chances are, if you have a Web site, you may be revealing more than you want to about yourself.

Directions

Take a look at Trina's webpage. Your teacher is going to give you 7 minutes to pick out as many of the safety mistakes as you can find.

Information on site:	Why it's a Danger:

What Wrong?—Teacher's Answer Guide

Directions

Take a look at Trina's webpage. Your teacher is going to give you 7 minutes to pick out as many of the safety mistakes as you can find. Let's see how many you can get!

Information on site:	Why it's a Danger:	Safety Tip
Full Name Used	Can be used to find home location	Use a misleading nickname
Link to IM with note that she is always on.	Sets her up for unwanted communications: Spam, bullies, and predators.	Give out IM information only to close friends – not to anyone who views Web site.
Web Blog of daily activities	Provides lots of personal, identifying information about her to anyone who cares to read it. Such as potential bullies, harassers, or predators.	Do not provide personal information on the web for anyone to access.
Posts her picture	Provides potential predators with what she looks like. Also, a facial picture can be pasted onto other photos that are bad, and sent to others.	Never post a picture online unless it is password protected. Never post a picture online accompanied by personal information that could provide location information
Her complete e-mail address is used.	Sets her up for unwanted communications: Spam, bullies, and predators.	If you must put an e-mail on your Web site, create a dummy account for e-mail from the Web site with a misleading name.
She provides information about her little sister.	This information (nicknames, etc.) could be used to trick people, like her little sister, into a dangerous online relationship.	Don't share personal information about family members online.
She provides a mini streaming video from her webcam.	Others now know she has a webcam. Predators are on the lookout for those who willingly post pics and video on their Web sites.	Do not provide webcams of yourself, family members, or location over the Internet.
She puts up a photo of her with her friends.	She is posting a photo of others without their permission, potentially putting them in danger.	Don't share personal information about friends online.
She posts her friends' e-mail addresses.	She is putting her friends in danger and setting them up for online abuse, predators, etc.	Don't share personal information about friends online.
She is clear about her hobbies, dislikes, likes, etc.	When posted along with personal information, can be used by a predator to befriend her.	Do not provide personal information on the web for anyone to access.

Web Site Plan

Directions

















There are lots of important things to keep in mind when designing a personal Web site.

Make it easier by brainstorming a plan beforehand – Think of things you plan to include on your Web site, and things you will avoid, to use as a reference when you build your own site.

Plan to Include	Will Avoid

Design Web Sites Safely with i-SAFE

Here are some tips that i-SAFE has come up with to keep your Web site design safe.

DON'T	DO
 Use your real name in your e-mail address: kristikeip@tampabay.rr.com	 Use an anonymous e-mail address if possible, like: anonymous@tampabay.rr.com
 Use your real name on your site.	 Make up a nickname and stick to it while posting.
 Post personal information on your webpage like phone number, address, birth date, etc.	 Keep postings fairly anonymous or unidentifying.
 Post pictures.	 If you REALLY want pics up – password protect your site so only people you want in can get in to see the pictures.
 Blog about your personal life.	 Again if you REALLY must blog on personal topics, password protect your blog.
 Use a webcam or put up streaming video.	 Keep webcam use to family phone calls or personal friend interactions. Don't post online for anyone to access.
 Post your IM name.	 If your friends know you personally, they should already know your IM screen name. Anyone who asks for it online could be dangerous.
 Get into personal relationships with strangers online.	 Keep your family informed as you meet people online or get e-mails. Set up ground rules in advance.

Design Your Own Web Site!

Educate others about safe Web site design.

Develop your ideas

Think about what you've learned about safe Web site design and staying safe online.

Your goal today is to design a simple Web site using those things you've learned about safe Web sites. You want your Web site to communicate a safety or security principle you've learned.

- What topic do you want to showcase on your Web site? Some options: Predator awareness, cyber bullying, cyber security, cyber citizenship, etc.
- Brainstorm: what information will you include on your Web site for your topic?
- On paper, design what you want your Web site to look like and how it will lay out.
- Use your rubric to evaluate safe Web site – is your site plan safe and effective?

Design your site

Get creative and have fun using what you know to program and design your site.

When you are finished:

- Review your site to make sure you kept it safe and secure.
- Ask a classmate or teacher to review your site and offer constructive feedback.
- Correct anything on your site based on the feedback you've received.

Upload!

- Upload your page to the web.
- Request permission to link your page to the school's Web site or district site so others can learn from your important information.
- Inform i-SAFE – send a link to the Web site to **teachers@isafe.org**.