

# K- 5th Grade Lesson Plan

## Cyber Security School Challenge

Introduction	I'm _____ and this is _____. We all work at COMPANY NAME. As part of our jobs at COMPANY NAME, we work to keep our information safe. We are here to talk to you about how to keep <b>you</b> safe when you are on the Internet.
Connect	<p>So to get us started, let's talk about how you get to the internet and some of the things you may do or sites you may visit on the internet! Raise your hand if you have a computer at your house.</p> <p>(Tip: if you have any of the physical "personal devices" hold it up and ask if anyone knows "that this is"). Now, let's see how many people have a "personal device" which is what we would call an iPod Touch, an iPad, or any phone that connects to the internet. (Call on a few kids and ask them what they have.)</p> <p>We have some fun things to give each of you today – to get us started, raise your hand if you can tell me something you use your computer or your device for!!</p> <p>*Note some of the rules are for older (past first grade kids). These should not be used for first grade or younger as ability to read may not be there and experience on the Internet is less.</p>
Activity A	Next we are going to go through some safety rules to help make sure you stay safe when you are online!! (Encourage discussion and interaction by asking if they have rules at home for using the computer and Internet.)
Rule 1	Read: Keep an Adult Nearby. An adult is a trusted grown up who can help you stay safe on line. Who is an adult/grown up in your life? Do you ask them to get onto the internet?
Rule 2	Read: Protect Your Computer. Talk about drinks and food around the computer. Discuss the dangers of magnets – how they can erase the hard drive (the things on your refrigerator). Explain what viruses are, how your computer can "get sick". Ask, "has anyone ever gotten a virus on their computer by opening an email?"
Rule 3	Read: Protect Your Privacy. Ask them if they know what information is private to them and they would not want to share with a stranger on the Internet. Explain what types of information is private: Name, Address, School, Phone Number, Pictures of you, Age"
Rule 4	Read: Protect Your Password. Ask if they know what a password is.



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(older kids)	Give tips on how to construct your password (do not: use your name, or the word “password”, do: use something familiar). Encourage them to share the password with their parents/trusted grown up.
Rule 5	In Rule 3 we talked about protecting your privacy, now we are going to discuss Protecting the Privacy of Others. Ask “What was private information again?” Never give out private information about your family, relatives, teachers, or friends. An email from your friends, etc is private, do not forward it to other people.
Rule 6 (*older kids)	Read: Beware of Contests, Clubs, Prizes, and Gifts. Use the “floating” Free iPad. Has anyone been playing a game and you see this come onto your screen? By clicking on the button you will be asked for your private information, or may find a virus! Encourage them to ask parent/trusted grown-up to close the “pop-up”. Use phishing analogy by explaining fishing is using bait to catch a fish. The pop-up is the bait.
Rule 7	Read: Beware of Strangers. Use the Globe prop to demonstrate who strangers are on the internet. Discuss how parents explain who strangers are on the playground. Remember, even when playing console games (xBox, Wii, Playstation, etc) the people you are playing with may not always be your friends. (analogy: how a stranger knocking on your door and an email in your inbox)
Rule 8 (*older kids)	(Tip: Cover Rule 8 and Rule 9 together) Rule: Don’t Break the Law. Talk about Cyber-Bullying (spend most time on this), sending hateful or embarrassing emails. Discuss song/movie rights and why it’s important to pay for these.
Rule 9	Read: Practice “Netiquette”. Explain SHOUTING! Show all scary, hateful, or angry messages to a trusted grown-up right away.
Activity B	Go through the <b>Safe Kids Quiz</b>
Activity C	<b>Don’t Give Out Personal Information!!</b> Have kids brainstorm what “personal information’ is
Activity D	Keep Safe * Keep Away* Keep Telling On the count of three, we’re all going to yell – <b>I KEEP SAFE!!</b> Read the section on I Keep Safe!



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Now, on the count of three, I want to hear – **I KEEP AWAY!!** Read the section on I Keep Away!

Finally, on the count of three, yell – **I KEEP TELLING!!** Read the section on I Keep Telling!

### Wrap Up

#### **SAFETY CONTRACT**

The last thing we want to give you today is a Safety Contract. You should take this home and sit down with your family to talk about how you want to “Stay Safe Online”. Once you complete this, post it by your computer to help remind you of some of the rules we covered today!!

**Did you all have fun today????**

Be sure to share your information with your parents today Thank you for letting us be part of your class today and remember, ***‘Talk before you click!’***



# Middle School Lesson Plan

## *Cyber Security School Challenge*

Introduction	I'm _____ and this is _____ and we work at COMPANY NAME. At COMPANY NAME, we work to keep our information safe. We are here to talk to you about how to keep you safe when you are on the Internet.
Goal	We are going to talk about the technology you use everyday and ways that you can keep yourself safe while using it.
Slide 1 Connect	Tell me some of the technology you use to connect with people? (phones, smartphones, computers, telephones, ...). What are some of the tools you use to connect with your friends?
Slide 2 In the news	Tell the kids about recent news events re: technology. <ul style="list-style-type: none"><li>• The hacking group Anonymous stole information from and took down local law enforcement websites in the US.</li><li>• Cellphones are tracking user activities.</li><li>• Wall Street Journal reports that 10% of colleges admit to checking out social media on applicants – 38% of the time they find something that “negatively affected” their views of the applicants</li></ul>
Slide 3	Facebook is a cool tool to connect with friends, but be careful what you post: others are watching. <ul style="list-style-type: none"><li>• Your reputation is shaped by your online behavior – you only get one reputation!</li><li>• There are offline consequences for online posts.<ul style="list-style-type: none"><li>○ High schools across the country and right here in central Ohio are suspending students from sports and school and even expelling them for behaviors they discover in students online posts.</li></ul></li><li>• There are also more serious consequences.<ul style="list-style-type: none"><li>○ Law enforcement will get involved when a threat is made on another person</li><li>○ Colleges and employers admit to reviewing social media sites for applicants and candidates. About one-third of the time they reviewed these sites, they thought that what they found did not paint the student in a good light.</li></ul></li><li>• Make Smart Choices about Facebook and other social media sites:<ul style="list-style-type: none"><li>○ Security and privacy settings change all of the time, review the latest settings and restrict access to your information.</li><li>○ Do not share your passwords.</li><li>○ Enable secure browsing, which prevents others from</li></ul></li></ul>



# Middle School Lesson Plan

## Cyber Security School Challenge

intercepting your password and pretending to be you – this is very easy to do!

- Others are watching your posts and judging your behavior by your actions. Be polite to others.

Slide 4

- What is cyberbullying? Give me some examples.
  - Cyberbullying is when you share private or embarrassing information with others
  - It can also be playing jokes or pranks on an individual
- What's the big deal with cyberbullying – why are we talking about it?
  - Cyberbullying can lead to offline consequences: do you know your school's policy on cyberbullying?
  - Cyberbullying can be a criminal offence and law enforcement may contact you over your online behavior.

### What do you think: Cyberbullying or just fooling around?

Let's do an activity to learn more about your opinions on cyberbullying. In the back of the room, you will see two signs: That's Cyberbullying! and Just Playing Around. Now, imagine that a line connects these two signs. I'm going to list activities and you'll stand under the sign that you agree with or anywhere on the imaginary line in between the two signs. (Demonstrate activity) For example, if I say, sending messages with profanity. Would you stand directly under "That's Cyberbullying" or "Just Playing Around" or would you stand somewhere in the middle? Maybe more to the Cyberbullying side or more to the Playing Around side. Does everyone understand? Great! Now stand up and get ready for the first one.

(Pick a few of the statements and read them to the kids. Ask for volunteers to discuss why they are standing where they are.)

\_\_\_ Signing on with someone else's screen name to gather info

\_\_\_ Sending an e-mail or online greeting card from someone's account

\_\_\_ Impersonating someone over IM or online

\_\_\_ Teasing or frightening another person using IM



# Middle School Lesson Plan

## *Cyber Security School Challenge*

- \_\_\_ Hiding your ID online from others and telling them to “guess”
- \_\_\_ Forwarding a private IM conversation or e-mail without getting permission from the other person?
- \_\_\_ Changing a profile or away message designed to embarrass or frighten someone
- \_\_\_ Posting pictures or information about someone on a Web site without their consent?
- \_\_\_ Creating an Internet poll, either over IM or on a Web site, about someone without their consent
- \_\_\_ Using information found online to follow, tease, embarrass or harass someone in person
- \_\_\_ Sending rude or scary things to someone, even if you were just joking
- \_\_\_ Signing someone else up for something online without their permission
- \_\_\_ Using an IM or e-mail address that looked like someone else’s
- \_\_\_ Using someone else’s password for any reason without their permission
- \_\_\_ Hacking into someone else’s computer or sent a virus or Trojan horse to them
- \_\_\_ Insulting someone in an interactive game room
- \_\_\_ Posting rude things or lies about someone online
- \_\_\_ Voting at an online bashing poll or posted to a guestbook saying rude or mean things

If you’ve done some of these things, your online behavior could use a little improvement. Keep in mind that these practices are dangerous, wrong, and punishable. You need to try to clean up that cyber record.

If someone is cyberbullying you:



# Middle School Lesson Plan

## *Cyber Security School Challenge*

- **STOP!**  
Don't do anything. Take 5! to calm down.
- **Block!**  
Block the cyberbully or limit all communications to those on your buddy list.
- **and Tell!**  
Tell a trusted adult, you don't have to face this alone.
- Report cyberbullying to [wiredsafety.org](http://wiredsafety.org) or local law enforcement.

### Slide 5

- Okay, most of you said that you had phones...do you call your friends or more or text them?
- What's your school's policy on cellphones? (Most schools have strict no-phones-in-school policies....). You don't know? How do you find out?
- Keep your personal information private and keep the personal information of other's private, too. Don't use phones to embarrass others – including sharing embarrassing or inappropriate photos of others.
- If you receive an embarrassing photo, tell a trusted adult.

### Slide 6

Discuss Smartphone tips on slide.

### Slide 7-8

Discuss information about safe online gaming.

### Thanks and Leave Behind

Thank you for your attention today.

Distribute Backstage Passes; encourage students to visit [www.COMPANY\\_NAME.com](http://www.COMPANY_NAME.com) for more information; encourage students to make smart technology choices.



# High School Lesson Plan

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- Keep your personal information private and keep the personal information of other's private, too. Don't use phones to embarrass others.
- This includes photos, especially nude photos, called sexting. Don't do it -- it's a bad idea.
  - In surveys, most students admit to sharing nude photos of girlfriends or boyfriends with others.
  - How many of you are under 18?
  - Sexting is child pornography and is against the law. You can get in trouble for possessing the photo or sharing the photo.
  - If someone sends it to you, tell a trusted adult.
- Don't text and drive.
  - National Highway Traffic Safety Administration 2008 study: 5,800 people killed and 515,000 injured in car accidents involving texting.

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