



Family Internet Safety

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Who am I

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Agenda

- Types of threats
- Risks
- QA

Threats

The internet is about 27 years old

- It wasn't designed for the amount of people currently using it

Kaspersky has 50+ different classifications for threats

Do you need to worry about them all

- Yes, but they are a somewhat of blended threat

What is Malware

- Malware is a malicious piece of software. This includes Adware, Spyware, virus
- 15 million in 2009 and growing
- Kaspersky currently protects against 33.9m different threats

Virus/Worms

Virus

- A computer virus is a computer program that can copy itself and infect a computer

Worm

- A worm can exploit security vulnerabilities to spread itself automatically to other computers through networks, email or external devices

Trojans

What is a Trojan?

- This is a loose category and includes a variety of Trojans that damage victim machines or threaten data integrity, or impair the functioning of the victim machine

Kaspersky has 15 different Trojans classifications

- These range from Trojans that will turn off security products to stealing your passwords and banking information



Scareware/Fraudware

- Fake Anti-virus
- This is one of the more popular but primarily in the US
- Way to avoid this
 - (provide ways to be safe)



SPAM

What is SPAM - Spam is anonymous, unsolicited bulk email.

- SPAM is also known as "Junk Mail"
- Is all spam bad?
- The percentage of spam in email traffic averaged 85.2% in 2009

The top five spam categories in 2009 were:

- Medications and health-related goods and services — 18.9% (-4.7% compared to 2008)
- Education — 15.9% (+3.9%)
- E-advertising services — 11.7% (+6.8%)
- Other goods and services — 11.2% (-4.9%)
- Fake luxury goods — 8.5% (-0.6%)

Tips on avoiding spam

- Separate email account for forms, chats or subscribe
- Be creative and personalize your email address.
- Never publish your private address
- Antispam Solution

Cyber Crime

- Cyber Crime is a generic term for any criminal act done via the internet
 - Identity theft
 - Credit Card Fraud (Online Only)
 - Banking Theft

Phishing

- Phishing is a type of deception designed to steal your valuable personal data
 - Steals passwords, logins, other secure data
- Electronic communication
 - Website, email or text messaging (varies per country)
- Confidence game, often uses logos from real site
- FBI, IRS, Ebay, Paypal, the latest new report, etc.



Don't Fall Victim

Be suspicious of any unsolicited email requesting personal information.

Avoid filling out forms in email messages that ask for personal information.

Always compare the link in the email to the link that you are actually directed to.

Log on to the official website, instead of "linking" to it from an unsolicited email.

Contact the actual business that supposedly sent the email to verify if the email is genuine.

Social Networking

- Social Networking is one of the biggest things from everyone. Even though it is great to stay up on what everyone is up to most don't think about the consequences.
- (List issues and maybe some news stories)



Facebook has 400 million active users

- 60 million status updates posted each day
- 3 billion photos uploaded to the site each month
- 130 friends on the site
- 55 minutes per day on Facebook
- 1.5 million local businesses have active Pages

MySpace 100 million active users

- 70 million total unique users in the US

Explore your child's profiles and there friends profiles

Cyberbullying

What is Cyber bullying?

- Same old bullying new approach. Cyber bullying can take place via text message, Instant Messaging, Social Networking

The court ordered a Michigan school district to pay \$800,000 "to a student who claimed the school did not do enough to protect him from years of bullying.



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Hudson Schools Must Pay Student \$800K

Updated: Saturday, 06 Mar 2010, 5:12 PM EST
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PORT HURON, Mich. (AP) — A Michigan school district accused of not doing enough to prevent the harassment of a student has been ordered to pay \$800,000.

Hudson Area Schools, in Lenawee County near the Ohio border, was sued by the parents of a young man identified in court documents as DP. A jury in federal court in Port Huron reached the decision Wednesday.

The lawsuit said DP was the victim of bullying, starting in sixth grade in 2002. By his freshman year, his parents say it escalated to sexual assault.

District lawyer Timothy Mullins told the Detroit Free Press the verdict puts schools in the position of being held liable for student behavior. The district plans to appeal.

A judge ruled in favor of Hudson in 2007, but an appeals court reversed that decision.

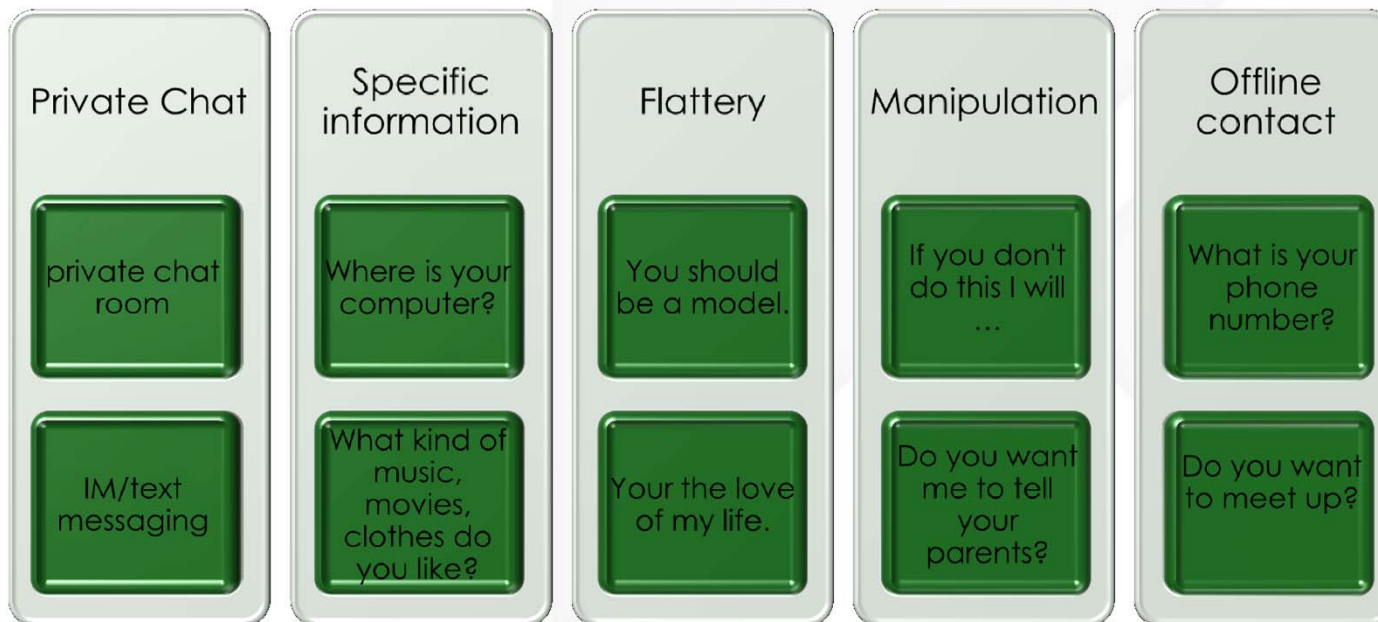
Social Networking's Roll

- Myspace , Facebook and other social networking sites - Currently the leading medium for cyberbullying incidents around the United States
- According to a recent study, 58% of 4th through 8th graders reported having mean or cruel things said to them online
- 53% said that they have said mean or hurtful things to others while online
- 42% of those studied said that they had been “bullied online”
- almost 60% have never told their parents about the incident

Grooming

Grooming refers to actions deliberately undertaken with the aim of befriending and establishing an emotional connection with a child, in order to lower the child's inhibitions in preparation for child sexual abuse.

Usually this is done with various manipulation tactics that seem harmless.



Take action!

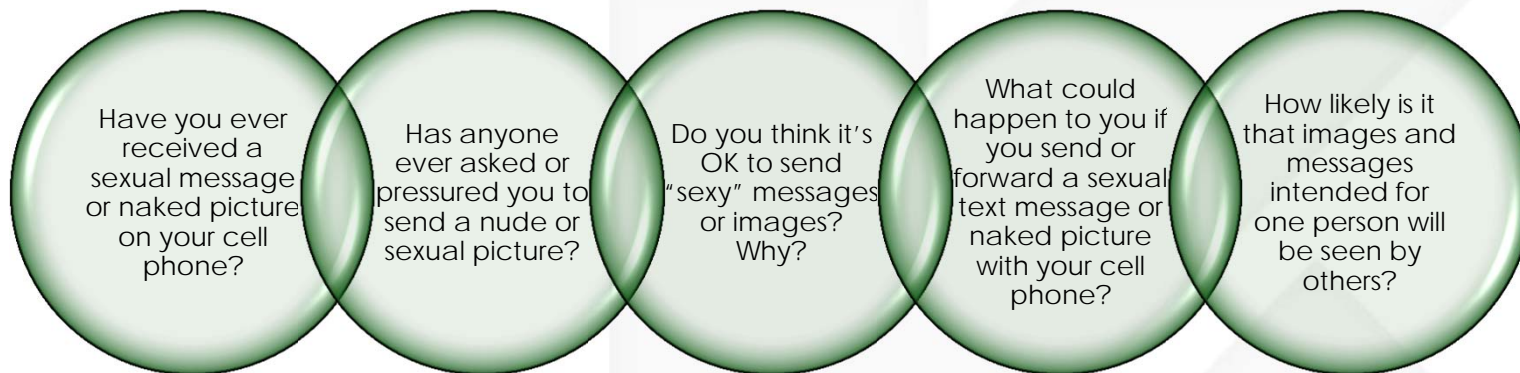
- Talk with your kids about these issues.
- Keep the family computer in a central location
- Look for signs of online bullying / grooming (similar to physical bullying and grooming)
- Don't share information that could be used against them
- Block screen name or telephone number (need software)
- Save all evidence
- Contact school, service providers or authorities
- Use safety features
- Don't retaliate

Sexting

- ...is the act of sending sexually explicit messages or photographs electronically, primarily between mobile phones
- 11% of girls between the ages 13-16 and 18% of teen boys have electronically sent or posted nude or semi-nude images of themselves
- 33% of teen boys and 25% of teen girls say they have had nude or semi-nude images shared with them

Communication is KEY!!!!

Talk to your kids about it.



Set boundaries - rules for using there phone and where to keep it.

- AT&T Smart Limits
- Be aware of who your child is talking to and what they are doing

Know the laws

- Depending on the state the laws change. There are cases of 14-15 year olds getting arrested

What can I do/really how to stay safe



Mac and Windows updates

- Making sure to stay updated
- Stats on infections for up to date machines compared to not



parental controls

Windows Parental controls

- Restrict the time, games and programs

Mac

- Restrict content, mail & chat
- Time limits and log what places they visit

3rd party products

- Various products they can monitor everything that is being done and send you emails or log
- Include the ability to restrict who they can chat with

Communication with children



Talk with your
kids about
things online



They might
know more
than us



Resources

- How to know if a website is good or bad (other content also)
 - Internet security product should have classification
 - WOT add on
- Links to sites
- <http://www.connectsafely.org/>
- <http://www.childnet-int.org/>
- <http://www.common sense media.org/> (website, book, movie and music reviews)
- <http://www.kidrex.org/> ; <http://www.askkids.com>
- <http://www.idtheftcenter.org>



Questions?

<insert my smiley from kirk>

Thank you