What parents and schools tend to fear:

- Predation
- Viewing inappropriate content
- Posting inappropriate content
- Cyberbullying & harassment
- Online addiction
- Online contributing to destructive, illegal, unethical or inappropriate behavior
- Device security & social engineering tactics

Types of Cyber Safety:

- **Physical Safety** – freedom from physical harm
- **Psychological Safety** – freedom from cruelty, harassment, and exposure to potentially disturbing material
- **Reputational and Legal Safety** – freedom from unwanted social, academic, professional, and legal consequences that could affect victims for a lifetime
- **Identity, Property, and Community Safety** – freedom from theft of identity & property
**From the Trenches**

7 Topics related to Cyber Safety and IT Security formulated from experiences with education

1. Avoiding Online Predators
2. Deflating Cyber Bullies
3. Preparing Students (and everyone)
4. Exploring teacher-centered safety strategies
5. Considering Policy & Permission topics
6. Tracking IT assets
7. Implementing IT solutions

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**Creeper Sweeper**

Keeping Predators at Bay

No reported child predation due to school postings

- About Gaining Trust
  - Suggestions
    - Education – peer awareness
    - Happy Birthday, Full Name!
    - Good group doing something – generalization in images and captions.
    - *You are what you wear!*
  - Look through the shot – what the background reveals.
  - No Taking it back – data on the loose
  - Dropped a Contact
  - Salami has a memory.

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**Grab the Bull(y) by the Mouse**

Zero Tolerance for Cyber Bullying, Harassment, & Sexting

- Consistency, consistency, consistency, consistency...
  - Specific policies – not your lunch-money stealin’ playground affair
  - Uniformity in enforcement
- Encourage Up-Standers
  - Convey expectations/legal ramifications
  - Cultivate positive “norms” – whole school approach
- Flights, Camera, (Re)action
  - Report It
  - Do not pass it on
  - Do not retaliate
  - Change contact Information

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**Overthrowing Naïveté’s Regime**

Security Education/Indoctrination important for all

- Early Bird avoids the worm
- Before it is needed
- For all parties
- In Passwords We Trust?
- RUU?
- 1:1 – When all for one fails
- (Fact) Check, please.
- Privacy? You mean that billboard with all of your secrets on it?

**Practice what you Teach**

Technological Responsibility in the (virtual) Classroom

- Bad, bad link
  - Remain vigilant – common websites/previously visited links
  - Consider bridge page disclaimer
- Generic solution, potential dilution
- True ‘that’?
  - Model best methods for interpreting fact
  - Beyond Google
- Copyright, I respect you
- Age-appropriateness - Complacent endorsement.

**Smitten with the Written**

Tightening Policies & Procedures for Good and Forever

- Do bother reading, don’t just click “okay” - Acceptable-Use for School Technology
  - “Kid tested, mother approved”
  - Able to enforce?
- Parental Permission to Post?
  - Student Likeness
  - Student Works
- Treat Guests like Guests
- Academic Freedom not listed on Craigslist – Faculty/Staff Usage
  - False Sense of Security – Prohibit Personal Transactions
  - Good at Farmville ≠ Tech. Authority
  - Easy Query – 3rd Party Sites
  - Practice makes helpful
**Pain in the Asset**

**Don’t Take Asset Management Lightly**

Fundamentally, it’s about documentation.

- We really should get one of those. What - we have four?
- What can it do/tell?
- Should it?
- It was just here - too mobile.
- It worked for me.
- The things you shouldn’t have – Rogue isn’t Vogue

**Fix it and (never) Forget IT**

**Routinely Test Procedures and Systems**

Face it, you are surrounded and under attack.

- What would happen if? - Contingency Planning
- Who knows it?
- How would they access it?
- My backups, anyone?
- Even mayflies rejoice – the life-expectancy of a tech solution
- Test often
- Don’t become complacent
- Great intentions = comprised systems
- Enforce policies – don’t rely on human memory
- Permission creep
- Exceptions undermine trust

**Questions?**

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