

Eric Green, Security Strategist, Cyber adAPT
Winn Schwartau, Founder, The Security Awareness Company







More than 10% of this group has had their identity stolen... and don't even know it!



### What are kids under the age of 18?





72 percent of children report they are cyberbullied because of this.



What is their appearance?





• Each of these three causes represent ~25 % of cyber bullying.



What is race, religion and sexual orientation?



© Joel Gordon 2007, 2008, 2009 and 2010



60% of victims respond to cyberbullying in these two ways.



What is selfharming and suicidal thoughts?

(Depression is the overarching psychological basis. 83% experience loss of self-esteem.)





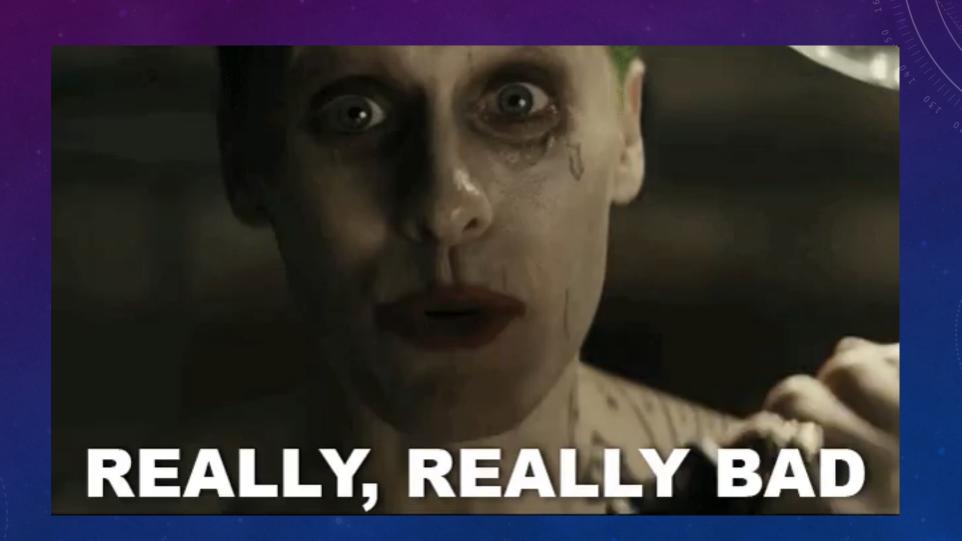
10% of cyberbullying victims resort to this.



Attempted Suicide.



### **CYBERBULLYING**



# MAJOR TYPES OF CYBERBULLYING

### FLAMING:

 Online fights usually through emails, instant messaging or chat rooms where angry and rude comments are exchanged.

### **DENIGRATION:**

 Putting mean online messages through email, instant messaging, chat rooms, or websites set up to make fun of someone.

### **EXCLUSION**

• Intentionally leaving someone out of a group such as instant messaging, friend sites, or other online group activities.

### **OUTING**

 Sharing secrets about someone online including private information, pictures, and videos.

### **TRICKERY**

 Tricking someone into revealing personal information then sharing it with others.

### **IMPERSONATION**

 Pretending to be someone else when sending or posting mean or false messages online.

### **HARASSMENT**

 Repeatedly sending malicious messages to someone online.

### CYBERSTALKING:

 Continuously harassing and denigration including threats of physical harm. THE KIDS ARE YOUR CHARGE

You need to be identify two things:

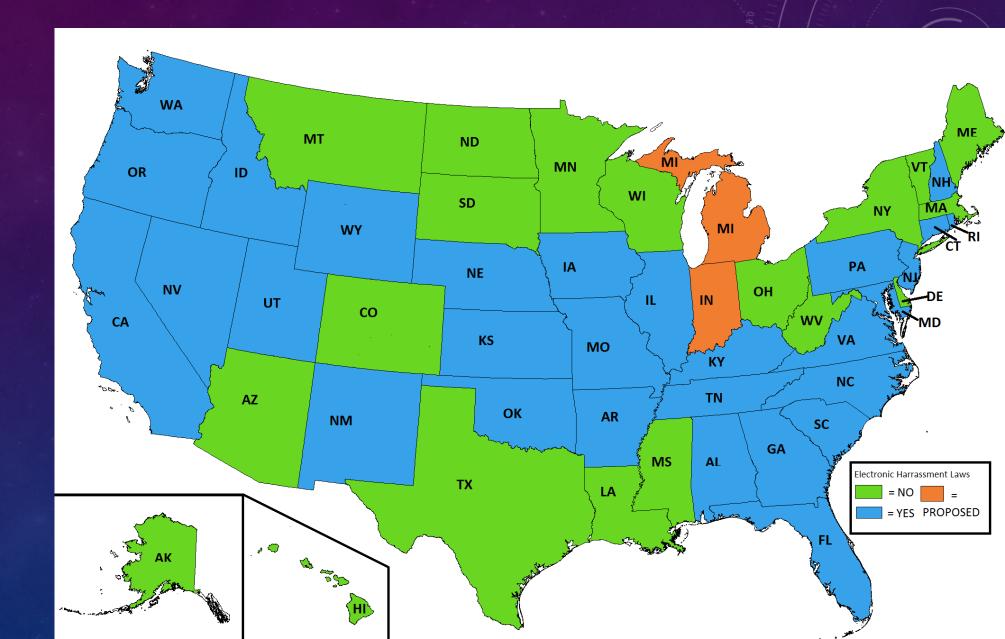
### SIGNS A CHILD IS BEING BULLIED

- Look for changes in the child. Be aware that not all children who are bullied exhibit warning signs.
- Some signs that may point to a bullying problem are:
  - Unexplainable injuries
  - Lost or destroyed clothing, books, electronics, or jewelry
  - Frequent headaches or stomach aches, feeling sick or faking illness
  - Changes in eating habits, like suddenly skipping meals or binge eating. Kids may come home from school hungry because they did not eat lunch.
  - Difficulty sleeping or frequent nightmares
  - Declining grades, loss of interest in schoolwork, or not wanting to go to school
  - Sudden loss of friends or avoidance of social situations
  - Feelings of helplessness or decreased self esteem
  - Self-destructive behaviors such as running away from home, harming themselves, or talking about suicide

### SIGNS A CHILD IS BULLYING OTHERS

- Get into physical or verbal fights
- Have friends who bully others
- Are increasingly aggressive
- Get sent to the principal's office or to detention frequently
- Have unexplained extra money or new belongings
- Blame others for their problems
- Don't accept responsibility for their actions
- Are competitive and worry about their reputation or popularity

### THE LAW



### WHAT IS YOUR JOB... AS A TEACHER & SCHOOL?

Your single most important task is teach children how to safely, legally and ethically interface with technology.

### TIMES HAVE CHANGED





YOU MADE A 3D MODEL OF THE SAVE ICON!

### Do you speak the cybers?

Abbreviations	A to L
2moro	Tomorrow
2nte	Tonight
AEAP	As Early as Possible
ALAP	As Late as Possible
ASAP	As Soon as Possible
ASL	Age / Sex / Location?
B3	Blah, Blah, Blah
B4YKI	Before You Know it
BFF	Best Friends, Forever
BM&Y	Between Me and You
BRB	Be right Back
BRT	Be right There
BTAM	Be that as it May
C-P	Sleepy
CTN	Cannot talk now
CUS	See You Soon
CWOT	Complete Waste of Time
CYT	See You Tomorrow
E123	Easy as 1, 2, 3
EM?	Excuse Me?
EOD	End of Day
F2F	Face to Face
FC	Fingers Crossed
FOAF	Friend of a Friend
GR8	Great
HAK	Hugs and Kisses
IDC	I Don't Care
IDK	I Don't Know
ILU / ILY	I Love You
IMU	I Miss You
IRL	In Real Life
J/K	Just Kidding
JC	Just Checking
JTLYK	Just to Let You Know
KFY	Kiss for You
KMN	1133 101 100
1 CIVII 4	Kill Me Now
KPC	

Abbreviation	s M to Z
MoF	Male or Female
MTFBWY	May the Force be with You
MYOB	Mind Your Own Business
N-A-Y-L	In a While
NAZ	Name, Addess, ZIP
NC	No Comment
NIMBY	Not in my Backyard
NM	Never Mind / Nothing Much
NP	No Problem
NSFW	Not Safe for Work
NTIM	Not that it Matters
NVM	Never Mind
OATUS	On a totally Unrelated Subject
OIC	Oh, I See
OMW	On My Way
OTL	Out to Lunch
OTP	On the Phone
P911	Parent Alert
PAL	Parents are Listening
PAW	Parents are Watching
PIR	Parent in Room
POS	Parent over Shoulder
PROP(S)	Proper Respect / Proper Recognition
QT	Cutie
RN	Right Now
RU	Are You
SEP	Someone else's Problem
SITD	Still in the Dark
SLAP	Sounds like a Plan
SMIM	Send Me an Instant Message
SO	Significant Other
TMI	Too Much Information
UR	Your / You are
W8	Wait
WB	Welcome Back
WYCM	Will You Call Me?
WYWH	Wish You Were Here
XOXOXOX	Hugs, Kisses,

### TECHNOLOGY INTERACTION TODAY









### TECHNOLOGY, SPEED, SAFETY AND SECURITY AWARENESS

- The saying 'speed kills' has its relevance in education related to safe and secure use of technology
- As cliché as it sounds The Internet is everywhere and students interact with it all day every day in any multitude of form factors
- Simple security awareness reinforcement like 'think before you click' help create a culture of safety
- Understand district policy with regard to technology usage, observe as closely as possible adherence to such policy and immediately report when somehow policy controls are broken by students

### TECHNOLOGY FORM FACTORS

**COMPUTERS** 



**TABLETS** 



MOBILE PHONES



### **SMARTBOARDS**



WEARABLES / IOT



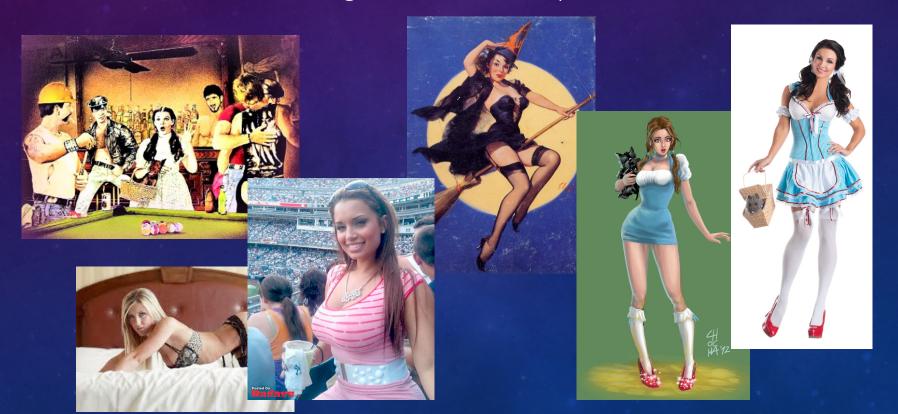
### THE FACTS (WE'RE NOT IN KANSAS ANYMORE)

- The days of using movie and TV ratings to determine what kids see are long since gone
- Technology is readily available to filter content students can access on devices – if you don't see that happening in your environment then perhaps its time to put your hand up and ask the question
- Teaching students how to safely, legally and ethically interface with technology is critical – but technology can help augment those controls



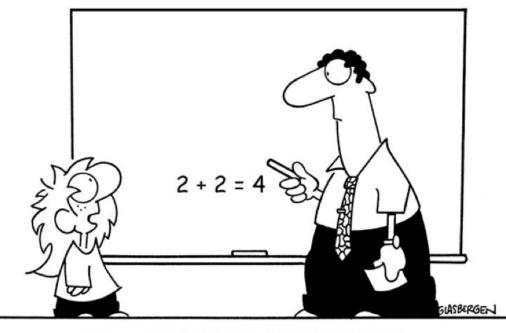
### ....AND HERE IS WHY

While looking for the image of Dorothy and Toto from the previous slide on Google images using the phrase 'we're not in Kansas anymore', here are some other images that showed up......



### TRUST

- You are no doubt using newer technology but Trust and Security go hand-in-hand
- Teach students good security hygiene
  - Think before you click
  - Use passwords
  - Don't share passwords
  - If something seems wrong then tell the teacher
  - Understand what the little lock in the browser means
- Trust the teacher, trust the students, trust the technology



"How can I trust your information when you're using such outdated technology?"

## Youself



Winn Schwartau
Office: 615.541.6121
www.WinnSchwartau.com
winn@securityexperts.com

### Comments? Questions?





Eric Green
Office: 914.244.0160
www.cyberadapt.com
egreen@cyberadapt.com