

Title of Session: C3 - National Cybersecurity Awareness Month

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DavinaP: Hello all and Happy October is cybersecurity Awareness month

<http://www.staysafeonline.org/events/index2007b.html>

BJB2: Welcome to today's Cyber 3 discussion on National Cyber Security Awareness Month!

BJB2: Davina, would you like to start with introductions?

DavinaP: Sure

BJB2: Lodi, please tell us where you are located and how you are involved in education.

BJB2: I teach communication in Pennsylvania

DavinaP: Davina and leader for the group chat and Director for ed tech policy research and outreach and faculty at University of Maryland

LodiS: I am a high school math teacher in Eugene Oregon

DavinaP: welcome!

DavidW: I'm David Weksler. I'm one of the HelpDesk volunteers and I help teachers learn more about educational technology - I'm in New Jersey, near New York City

DavinaP: tonight I wanted to share more about our kickoff of October is Cybersecurity awareness month

DavinaP: Lodi and others were you aware that October was awareness month?

DavidW wasn't aware

LodiS: No, didn't know either

DavinaP: The goal of National Cyber Security Awareness Month is to educate everyday Internet users on how to "Protect Yourself Before You Connect Yourself", by taking simple and effective steps. These steps will teach Internet users how to safeguard one's computer from the latest online threats, offer ways to respond to potential cyber-crime incidents, and link how each person's cyber security affects securing our nation's critical

infrastructure.

BJB2: I haven't seen much publicity on the lists, Davina

DavinaP: well we are trying today we had the kickoff summit in Dc take a peek <http://ncsa.eventbrite.com/>

BJB2 peeks

BJB2: It's good to see that registration reached capacity!

DavidW smiles

DavinaP: what was exciting was to hear small and large business representatives speak to the importance of sharing information and educating the end user including students...

DavinaP: when we think about cybersecurity awareness what comes to mind? what do you wish you knew more about? what do you think students need to know more about?

BJB2: how is the information being shared?

BJB2: I think the wrong approach is the scared straight tactic.

BJB2: I wish cyber security were introduced in a more positive manner

DavinaP: and that was one of the topics brought up was how to make a campaign that was not so negative

BJB2: great, Davina.

DavinaP: interesting was the McAfee/NCSA report that was just released today please take a minute or two to view <http://www.prnewswire.com/cgi-bin/stories.pl?ACCT=104&STORY=/www/story/10-01-2007/0004672854&EDATE=>

BJB2: this level of security is directed at high school and adults, I assume

DavinaP: interesting was the statement " Consumers THINK They Are Protected When They Are Vulnerable"--i.e., you purchase a computer and think you have the suite of Antivirus/firewalls etc.. but then the demo version expires and most do not reveal so the perception and fact seems mismatches

DavinaP: BJ what do you mean by "directed" at HS/adults

BJB2: viruses and firewalls are more issues for high school and adult levelelementary security is focused on personal safety?

BJB2 . o O (or am I misinformed?)

DavinaP: actually security needs to be taught even at the earlier level--while specifics on how to install etc may be that target certainly we know that middle schoolers are entering blogs and social networking sites which the FTC shares is one of the prime targets for phishing and Identity theft right now

DavinaP: again the focus should be positive...meaning here are things you can do to help yourself

BJB2 nods

DavinaP: what are some things you think the average student and citizen should know related to security issues?

BJB2: not all firewalls are foolproof so be careful of sites you visit

DavinaP: correct excellent suggestion

DavinaP: quiet group tonight

BJB2 . o O (same with filters)

BJB2 nods to Davina.

BJB2 pokes David and Jeff

BJB2: Filters give a false sense of security

DavinaP: NCSA recommends these 8 (there are diff lists) but most cover the same items <http://www.staysafeonline.org/practices/index.html>

BJB2: good list. I'm very weak in the back up department

LodiS: I believe the average student and citizen, especially teachers at least in my school have no idea what these security measures are and what they actually do.

DavinaP: the summit had folks break up into smaller groups (about 40 people per group) 3 groups...

DavinaP: I was in the education group..

BJB2 nods...it's somebody else's job to do the security in the schools. Teachers have no control

LodiS: Many leave the security up to the tech department giving them a false sense of

security

BJB2 agrees with Lodi

LodiS: But I believe it is important to educate them not only for use at school but at home

DavinaP: the discussion had folks in agreement from the earlier audience suggestion that educating the end user and school was an important theme...but there was no real "one way" suggested to make it happen...

DavinaP: BJ and Lodi I agree and CoSn the national group that represents IT admin of K-12 schools shared the troubling factor that many schools' IT direction is run by teachers who just "loved" tech and taught themselves and now have moved into that role

DavidW: Don't people need to learn good practices

DavinaP: educating from the bottom up--community/parents/teachers was a theme (the one I believe will make it happen)..

DavidW . o O (Don't click on URLs in email that "appear" to come from your bank, etc.)

DavinaP: other options tossed out were federal requirements like VA and Washington state is currently considering that has safety/security required in the classroom curriculum...

DavinaP: always the non-educator who toss out "mandate teachers learning and teaching it" "mandate that it be covered in state/local curr

BJB2: it isn't one of the standards?

DavinaP: good practices I think is the key as David mentions

BJB2 hasn't checked the latest updated ISTE NETS

DavinaP: social and ethical and safe use I think is stated in student standards and social ethical and legal in teachers standards but the interpretation of that has NOT included safety as far as I can tell

BJB2: well, what are they waiting for?!

DavinaP: do you know of any schools that teach teachers and students/how to back up their work? check for spam/spy and adware?

DavidW: I don't

BJB2: I don't either

DavidW: although, you would probably want some sort of networked backup - at least for teachers

DavinaP: so much to learn and cover so little time

LodiS: we did a workshop at our school for our teachers last year but completely voluntary. No many showed up.

DavinaP: it would be nice to have a baseline of what is occurring across the US ..perhaps some schools do cover this...which leads me to the National Baseline study...

DavidW: what about the students doing a lot of this support work - school tech squad - fixing problems, gaining community service credit, etc?

DavinaP: the study is in draft form at current but I am looking for folks who have 20 minutes or so to look through the current draft and provide comments suggestions any takers?

DavinaP: I think kids helping is terrific unfort some federal mandates no longer allow students to work with certain "networks" FERPA and HIPPA regulations

DavidW: well, then, there would need to be some faculty advisor, if certain things are off limit to kids, but I think that could still work well

DavinaP: I agree

DavidW: I know that at Swarthmore College the IT folks still depend on students in each of the dorms as the "first line of defense"

DavinaP: interesting

DavidW: they are paid, just as resident assistants are, to solve the problems ("My paper disappeared!!") at 3 in the morning

DavidW: . o O (I think they are paid - I know they are depended upon heavily)

BJB2: those students are over 18 though

DavidW: agrees with BJ

DavidW: but, the administration's tech support folks could never deal with all the issues without the student help

DavinaP: At UMD even TA's and GA's are no longer able to access some of the student information i.e., needed to set up a blackboard or webct site for class etc... faculty can no longer just "farm" it out to TA's and GA's ---actually have to work!

DavinaP: many of you are far away but I will share our wonderful C3 conference line up to help launch the month's activities <http://www.edtechpolicy.com/C32007/index.html>

BJB2: I'll put something about this in the TI newsletter, Davina

DavinaP: what ways would any of you suggest that would be best ways to get students /parents and teachers educated about cybersecurity?

DavinaP: much different than today's session where everyone had suggestions

DavinaP: I'm sure folks have ideas?

DavidW: what were some off the suggestions?

BJB2: it's only October and we're already brain dead?

BJB2: what about a superhero character?

DavidW smiles

BJB2: a graphic novel?

DavinaP: development of a national campaign similar to safety belts buckle up smoking campaign smokey the bear McGruff safety person reading initiatives

BJB2 nods

DavidW: okay

DavinaP: what would you call the superhero "

DavidW . o O (Bill Gates?)

BJB2: C34U

BJB2 . o O (C3-4U)

DavinaP: some non educators suggested "making it required to teach" making it part of the regular curriculum

BJB2: there's where you'll have more success if it's added to the standards as part of the curriculum

DavinaP: I like the C3 4U I might steal that one ??????

BJB2: help yourself

DavinaP: and it might be one day but that's down the road and usually moves along quicker into that position when there's enough noise from the "outside" explaining the need

BJB2: do you want to continue this topic in November, Davina?

BJB2 . o O (our time is almost up)

DavinaP: other ideas shared were similar activities as outside org have done for safety awareness i.e., Netsmartz, ikeepsafe local police coming in for assembly etc...

BJB2: and perhaps ask people to come with ideas

BJB2: local police coming in is like trying to teach people about Tapped In by doing a projected demo

DavinaP: folks at UVA actually took part in (with a corp sponsor) distributing flyers to every school student in the Charlottesville area

DavinaP: any other ideas that I can take back?

BJB2: what about major ed pages adding a link.....like thinkfinity

BJB2 . o O (marcopolo)

BJB2: teachers domain

BJB2: pbs

DavinaP: there is a web banner you can add to sites via the staysafeonline site I tossed out earlier

BJB2 nods. Needs to be ubiquitous

DavinaP: PBS and other media creation was also tossed out yes--thanks for reminding me but perhaps we should have a super hero cartoon show?

BJB2 smiles...definitely!

DavidW smiles

DavinaP: please think about other options and bring them back next month also consider tossing in your 2 cents worth in the National C3 baseline study--BJ mentioned she would post it and I can add to the C3 area

BJB2: contact Stephen Spielberg

DavinaP: prob out of our price range but worth a try

BJB2: never hurts to try!

DavinaP: before closing any other last comments questions ideas?

DavidW: Thanks, Davina

BJB2: topic for November?

DavinaP: I'm going to see what is of most interest at the conference this week and then from that pick a topic I'm ...

DavinaP: guessing it could be diff angles to cyberbullying or I could discuss recent findings from the plagiarism studies

BJB2: I'll wait for an email then.

BJB2: Thanks, Davina...lots of food for thought as always!

LodiS: Thanks

DavinaP: academic integrity/plagiarism might be hot also...I'll use my presentation

DavinaP: goodnight all!