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Children Can Learn Internet Safety From Preventative Programs, Say UNH Researchers

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DURHAM, N.H. -- Preventative Internet safety programs may be helpful in increasing awareness among elementary and middle school students about Internet dangers, according to preliminary research from the University of New Hampshire. The findings come at a time of heightened concern for the online safety of children, who currently use the Internet more than any other age group.

UNH researchers, led by assistant professor of social work Melissa Wells, surveyed students in two public school classrooms in New England to evaluate the effectiveness of one Internet safety program, the NetSmartz Workshop, developed by the National Center for Missing & Exploited Children® (NCMEC) and Boys & Girls Clubs of America (BGCA) to teach children about being safer while using the Internet. The goal of the NetSmartz Workshop is to extend the safety awareness of children to prevent victimization and increase self-confidence whenever they go online.

“The big message is that a preventative program like Netsmartz can make a big impact on youth knowledge of online safety,” said Wells, who led students in her master’s level Program and Practice Evaluation class in the research.

Thanks to funding from the national Internet Crimes Against Children Task Force (ICAC) Training and Technical Assistance Program based at the University of New Hampshire, every child in New Hampshire will have access to the interactive Internet safety program. The two-CD program has segments for students in grades K through 12 as well as ones designed for parents.

“It is crucial that we reach every child, especially the most tech-savvy teens,” said Brad Russ, director of the national program, which provides training and technical assistance to federal, state and local law enforcement agencies working to reduce the victimization of children through the use of computers. “We’re working in partnership with law enforcement and schools in every corner of the state.”

Evaluating elementary and middle school students before and after using the NetSmartz Workshop, researchers found that NetSmartz enhanced students’ knowledge of online safety issues and of the risks associated with Internet use. Among elementary school students, knowledge of whether it was safe to tell someone one’s real name or address on the Internet, to meet someone they had chatted with on the Internet, and to reveal where they went to school increased. After these elementary students participated in the NetSmartz Workshop, their knowledge around not giving out personal information increased from a pre-test score of 82% to a post-test score of 94%.

Middle school students reported improved awareness of safe online purchasing. For instance, students’ knowledge about paying with a credit card and not a debit card increased from 25% to 80%.
Wells underscored the importance of Internet safety for youth – not only from predators, but also from exposure to inappropriate or disturbing content. “Kids are using the Internet more and more. It’s how they communicate with each other, it’s how they learn about the world,” she said. “But kids on average probably don’t realize all of the potential risks.”