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March 22, 2024

Article Review #2 "Cybersecruity training and its Impact on Younger Generations"

Overview:

The article "Impact of Training on Cybersecurity Awareness" goes over a study that explores why teaching children about cybersecurity is important. It has kids go through particular training programs that aims to make them more aware of online threats such as cyberbullying and creeps. Although this article does not have a specific research question, I believe they are trying to answer if cybersecurity awareness training can effectively increase the children's understanding of online dangers, as well as pushing safe browsing habits in order for them to become responsible people on the internet. To collect data, researchers used a training program that was based on past surveys about digital practices. In the four hour program, they first gave them a pre-program questionnaire to understand what they know beforehand. Then explained the dangers of the internet to the students and gave them multiple interactive quizzes and games afterwards. From the knowledge they received throughout the program, they were tasked to complete a post program survey. At the end of the experiment, it was found that all students' pre-questionnaires and post-surveys indicated improved awareness and online behavior. Important things the children learned were not to reveal their personal information and ignore inappropriate messages (Zukarnain).

Three principles of social science that would apply to this article are ethical neutrality, objectivity, and relativism. The researchers who carried out the experiment in the article demonstrated ethical neutrality by conforming to ethical standards; nowhere in the experiment showed that there was any cruelty when organizing it. Objectivity from the authors can be seen when ensuring that procedures are free from bias; questionnaires and surveys in the experiment

were officially taken by DIGI CyberSAFE National Survey. The last principle that is shown in this article is relativism. This refers to the idea that everything is linked; everything in one area can cause a change in another. In regards to this article, children who are well educated on safe cyber practices lead to a "young generation to become a good Internet user and be a good digital citizen" (Zukarnain). This scholarly article connects with quite a few concepts explained in class. First, it follows the social science principles that are explained above. Second, it uses the two methods, surveys and experiments, to understand cybersecurity. Third, the article is based around the awareness of cybersecurity in module six. Lastly, social norms, as discussed in module nine, is exemplified in their experiment procedures.

Conclusion:

This article shows evidence that through the training and basic knowledge of cybersecurity, people can become responsible digital citizens. Societal contributions provided by this article are the promotion of cybersecurity awareness amongst the younger generation and attention to ethical research practices.

References:

Ahmad Zukarnain, Zuriani, et al. "Impact of training on cybersecurity awareness." *Gading Journal for Science and Technology* 3.1 (2020): 114-120.