

SaTC: EDU: Establishing Digital Citizenship by Implementing Cyber Safety Curriculum with Middle School Students

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NEED: With students being exposed to technology and cyber learning at a very young age, it is becoming important to prepare K-12 students to be digital citizens.

GOAL: To increase cyber safety knowledge and skills among middle school students, teachers, and technology facilitators, and create cyber safety awareness among parents of middle school students.

OBJECTIVES

- *Develop* 5 e-learning modules on cyber safety topics (cyber bullying, digital footprints, digital identity, digital privacy and digital Netiquette)
- *Design and Deliver* an online course on digital citizenship.
- *Apply* the train-the-trainer model by which the technology facilitators will train the teachers in their schools and classroom teachers train the students after the summer
- Pilot the cyber safety elearning modules with middle school students
- Students create videos on cyber safety and disseminate the videos created

SOLUTION

- Five e-learning modules were developed and implemented with 380 middle school students
- A 3-credit hour graduate course on digital citizenship was developed and taught to 46 teachers and technology facilitators in Summer 2018 and 2019
- 8 teachers have developed the workshops in their schools while we await more for this year
- 13 students created videos on digital citizenship topics to participate in the competition
- 3 manuscripts have been written and 6 presentations have been made

BROADER IMPACT

- It provided an opportunity to train 46 qualified teachers and technology facilitators and 380 students in K-12 to bridge the gap in cyber safety education in the middle schools.
- The project provided interdisciplinary research experiences in cyber safety, technology education, and pedagogical practices to 3 graduate students.
- Two Minority and under-represented graduate students and several K-12 students benefited from the project



Workshops to middle school students

