SAINT AMBROSE CATHOLIC SCHOOL *Everything.*

St. Ambrose students use computer coding lessons to create medical apps

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BRUNSWICK: Tori Lawrence, 13, hopes that her medical app can someday save a life.

"High blood pressure is serious and can cause a lot of health problems," said Tori, who will be in eighth grade this fall. "This app can help alert doctors when patients are in hypertension and possibly save a life."

Tori's Blood Pressure Data Collection App is one of three medical apps created by computer coding students at St. Ambrose Parish School that were recently presented to three Cleveland Clinic doctors. As a result of the presentations, Tori and the other students – Hunter Velasquez, James Zielinski and Jacob Nose – were awarded weeklong computer science summer internships at University Hospitals Rainbow Babies & Children's Hospital and United Cerebral Palsy of Greater Cleveland.

"It was amazing to see them present their ideas to the doctors," said Lori Schlueter, computer coding teacher at St. Ambrose. "I was really impressed that they were willing to ask for suggestions about how to make their apps better. I am so proud of their accomplishments."

Cleveland Clinic Presentation	
PROJECT DESCRIPTION	Students presented their Medical Apps to a team of Cleveland Clinic doctors for feedback and suggestions for app improvement.
INPUTS	computer science class
OUTCOMES	Prototype development of medical apps that could help patients track and monitor their health.
LEARNING IMPACTS	Students were offered internships for their research and medical app prototyping. Students have an interest level of pursuing STEM careers.

PROJECT LINKS	**http://www.ohio.com/news/local/st-ambrose-students-use-computer-coding-lessons-to-create-medical-apps-1.688392#.V1WU8U7KIYI.facebook**