Computer Science Principles with App Inventor

This course designed to introduce students to the beauty, joy, and excitement of computer science. Students will learn to be creators of technology not just consumers. Using MIT's App Inventor development environment, students will create a portfolio of original Android apps of increasing sophistication using the latest smart phone technologies (i.e. GPS, camera, and accelerometer). Students will immerse themselves in the design process with a focus on people and society, not just on machines and systems. Students will make connections between computer science and other fields. They will develop their communication and teamwork skills. No prior knowledge of programming or computer science is required - just the desire to make your own ideas come to life.

No Prerequisite
Grades 10, 11, 12