Foundations of Computer Science

The first course, **Foundations of Computer Science** (based on CSTA: *Exploring Computer Science)*, is designed to introduce students to the breadth of the field of computer science through an exploration of engaging and accessible topics. Rather than focusing the entire course on learning particular software tools or programming languages, the course is designed to focus the conceptual ideas of computing and help students understand why certain tools or languages might be utilized to solve particular problems. This course includes a broad range of topics in computing, including robotics; programming in several languages such as Processing and Java; and cyber security. This course satisfies the graduation requirement of one credit in tech ed.