Learn a new way to be creative through computer programming. Using the medium of computer languages, participants will become the architects of their own virtual worlds. Students will create animations using visual objects and straightforward commands that make programming easier to understand.

Students will exercise their creativity, problem-solving, and critical thinking skills while designing a final project to present at the conclusion of the session. The skills they develop provide a useful foundation for learning more advanced programming in languages such as Java, C++, and Python. Students will also learn valuable processes essential to programming. This includes everything from the software development cycle to “CamelCase.” The program also emphasizes critical executive function skills such as project management, collaboration, and communication.

Housed at the Community College of Baltimore County Essex Campus, students will get the college experience in state-of-the-art computer labs. The two-week experience will emphasize Internet safety and highlight the exciting careers in Computer Science and Cyber-security.

LOCATION: Community College of Baltimore County — Essex Campus
ENTERING GRADES: 3 - 8
TYPE: Nonresidential
DATES OF OPERATION: July 6 - 17
9:00 a.m. - 3:00 p.m.
TUITION: $200 for a two-week nonresidential program

Contact Person:
Karena Curtis
Baltimore County Public Schools
Office of Science PreK-12
105 W. Chesapeake Ave., 3rd Floor Towson, Maryland 21204
410-887-2063
Email: kcurtis@bcps.org