AP Computer Science A and AP Computer Science Principles

Because these courses are purchased course through a third party, there are no summer assignments required. Please communicate any concerns/questions to Miss Wilsoncroft (twilsoncroft@bguilfoyle.org).

Below is a reminder of the course descriptions:

ADVANCED PLACEMENT® COMPUTER SCIENCE A (GRADES 11-12):

This online course will cover the first semester of a college introductory programming course. The course will be divided between lecture and computer laboratories. A computer for home use will be required since extensive home computing will be required for successful completion of this course and the AP® test. Successful completion of a previous programming class (Visual C++ or Visual Basic) is suggested. Students are required to test for this course. This on-line course will not be included in Honor Roll, GPA, or Rank calculations, as also outlined in the Student Handbook.

ADVANCED PLACEMENT® COMPUTER SCIENCE PRINCIPLES (GRADES 10-12):

This online course introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology can impact the world. With a unique focus on creative problem solving and real-world applications, AP Computer Science Principles prepares students for college and career.

This course offers a multidisciplinary approach to teaching the underlying principles of computation. The course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts. AP Computer Science Principles will give students the opportunity to use technology to address real-world problems and build relevant solutions. Together, these aspects of the course make up a rigorous and rich curriculum that aims to broaden participation in computer science.   Successful completion of Algebra I is suggested. This on-line course will not be included in Honor Roll, GPA, or Rank calculations, as also outlined in the Student Handbook.