Instructional Scenario

Title Ideas: Exploring Programming—Summer Camp

Duty/Concept Area(s): 6670/81-87/Exploring Programming

Scenario:

You have the opportunity to attend a computer programming summer camp and study a programming language. You must persuade your parents to send you to this camp. One way to do this is to create a presentation recognizing the benefits of computer programming languages.

Choose at least three of the following programming languages listed and create a presentation:

- C/C++
- C#
- Java
- Visual Basic
- Python
- PHP

Big Question:

- Why will it benefit me to attend this camp?
- What will I learn that I can use in the future?

Focused Questions:

- When did the programming language first appear?
- Who created the programming language?
- What is the purpose of the programming language?
- What is the current state of the programming language?
- What are the principles of the programming language?

SOL Correlation:

Computer Technology C/T 9-12.1, C/T 9-12.9, C/T 9-12.12, C/T 9-12.13
English 9.5, 9.7, 9.8, 10.7, 10.8