Last Updated June 2024

Programming	Computer Science and Software Engineering	Web Design
Gradebook standards ● CTES: Students will think and work creatively to develop innovative solutions to problems and opportunities by employing critical thinking skills. ● 4C1.a: Develop original solutions, products and services to meet a given need. ● 4C1.b: Work creatively with others to develop solutions, products and services. ● 4C2.a: Develop effective resolutions for a given problem, decision or opportunity using available information. ● 4C2.b: Develop and implement a resolution for a new situation using personal knowledge and experience. Topics of Study ● Printing ● Variables ● User Input ● Random Number ● Arithmetic	Gradebook standards ● CTES: Students will communicate and collaborate with others to accomplish tasks and develop solutions to problems and opportunities. ● 4C3.a: Communicate thoughts and feelings with others using verbal and non-verbal language. ● 4C3.b: Work collaboratively with others. ● 4C3.c: Use interpersonal skills to resolve conflicts with others in an ethical manner. Topics of Study ● Creative Computing for All ● Every Bit of the Internet ● Little Data to Big Data	Gradebook standards ● CTES: Students will think and work creatively to develop innovative solutions to problems and opportunities by employing critical thinking skills. ● 4C1.a: Develop original solutions, products and services to meet a given need. ● 4C1.b: Work creatively with others to develop solutions, products and services. ● 4C2.a: Develop effective resolutions for a given problem, decision or opportunity using available information. ● 4C2.b: Develop and implement a resolution for a new situation using personal knowledge and experience. Topics of Study ● XHTML ● CSS ● HTML ● Forms ● Graphics

A+ Computer Technology

Gradebook standards
● CTES: Students will communicate and collaborate with others to accomplish tasks and develop solutions to problems and opportunities.
● 4C3.a: Communicate thoughts and feelings with others using verbal and non-verbal language.
● 4C3.b: Work collaboratively with others.
● 4C3.c: Use interpersonal skills to resolve conflicts with others in an ethical manner.

Topics of Study
● Computer components
● Mother Boards
● Hard Drives
● Operating systems
● Bios File
● Virtual Memory
● Browsers
● Software