Kentucky CTE

Computer Science: Computer Science

Develop algorithms as solutions to problems while discovering the importance of understanding problems in order to develop efficient step-by-step solutions. CS1	**a** the importance of understanding problems in order to develop efficient step-by-step solutions.
Explore the reasons for using computers to execute problem solutions CS2	**2.** Explore the reasons for using computers to execute problem solutions CS2
Translate algorithms to a language computers can understand. CS3	**3.** Translate algorithms to a language computers can understand. CS3
Explore: CS4	**a.** various major data manipulation used by computers
	b processing structures used by computers
Explore and utilize structures as to design algorithms to solve problems. CS5	**5.** Explore and utilize structures as to design algorithms to solve problems. CS5
Apply computer architecture including using a Raspberry Pi platform to learn how computer hardware provides a powerful platform on which to run software. CS6	**a** using a Raspberry Pi platform to learn how computer hardware provides a powerful platform on which to run software.