

High School Curriculum



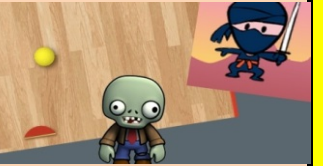
Keyboarding	Intro to Computer Science	Tech Drafting 1	Tech Apps 1	Robotics 1 Elective		A+ PC Maintenance	Networking 1
Desktop Publishing	AP Computer Science	Tech Drafting 2	Tech Apps 2	Robotics 2 Elective	Web Page Authoring	Computer Tech 1	Networking 2
Advanced MS Office	ADD IB Computer Science	Tech Drafting 3	Tech Apps 3	Robotics 3	Web Site Manager	Computer Tech 2	Networking 3
Entrepreneurship		Tech Drafting 4	E-Commerce Design	Digital Electronics	Advanced Web Design	Information Technology	Networking 4

Recommend that AP Computer Science be reclassified from an elective to a math elective.
Recommend that IB Computer Science be investigated to see if it should be added the Program of Studies as a math elective.

Middle School Curriculum

Courses to be developed in Moodle for all teachers across the district.	Coding from Code.org. CS in Algebra and Science	3D Printing & Design	App Programming	Robotics	HTML5 and Web Design	Computer Hardware and Operating Systems	Courses to be developed in Moodle for all teachers across the district.
	<p>Recommend that all MS students take a technology survey course which introduces them to coding, 3D printing, computer hardware, mathematical logic, remedial keyboarding, and basic computer networking. Afterwards they can follow their interests with the courses</p>						

Elementary School Curriculum

Curriculum Provided Free by Code.org. Online, self-guided and self-paced tutorials with "unplugged" activities.	Course 1: Early-readers (20 Hrs)	Course 2: Beginners, readers (20 Hrs)	Course 3: Prerequisite Course 2 (20 Hrs)	Curriculum Provided Free by Code.org. Online, self-guided and self-paced tutorials with "unplugged" activities.
	 ages 4-6 Sequences Loops and events Meaningful collaboration with Problem-solving and perseverance Internet safety	 ages 6+ Conditionals Algorithms Binary code Debugging Societal impacts of computing	 ages 6+ Problem decomposition Functions Nested loops and conditionals Digital citizenship Internet transmission methods	
Keyboarding Needed	<p>Recommend that all elementary students be taught keyboarding beginning in 3rd grade so that they are proficient before Middle School</p>			All The Right Type