

Computer Technology Curriculum Map

Topic	Date
<u>History of Computing</u>	
Mechanical computing Devices before 1930	
The demand for computing during World War II	
Hardware from 1945 up to the PC	Aug. / Sep.
The personal computer 1975 – Present	January
Software from 1950 – Present	
The Internet	
<u>Basic Functions of a Computer and Information Representation</u>	September / January
A. Understand computers four information processing functions	
B. Understand the binary system and how this is used by computers	
<u>Computer Hardware</u>	
A. Understand the types of hardware used in a computer	Sep. / Oct.
B. Identify, disassemble, and reassemble a typical PC	February
C. Troubleshoot common hardware problems	
<u>Operating Systems</u>	
A. Understand the purpose and primary functions of an Operating System	Oct. / Nov.
B. Understand the concept of a hardware driver	March
C. Install an operating system	
<u>Networking</u>	
A. Understand basic concepts involved in network hardware and communication.	Nov. / Dec.
B. Understand basic concepts involved in communication and services over the Internet.	April
<u>HTML</u>	
A. Understand the nature of an HTML document	December
B. Understand basic HTML tags and attributes	Apr. / May
C. Publishing HTML documents	
<u>Programming</u>	December / May
A. Simple algorithms in theory	
B. Simple algorithms in practice	