

**TEKNIMEDIA'S COMPUTER LITERACY SERIES**  
**Correlation to**  
**The Virginia Standards of Learning Assessment Program**  
**Grade Five Computer/Technology Standards**

Grade 5 Computer/Technology Standards	Teknimedia's Computer Literacy Series
<b>Reporting Category: Basic Understanding of Computer Technology</b>	
5.1 The student will demonstrate a basic understanding of computer theory, including bits, bytes, and binary logic.	PC101 - Computer Basics, Sec. 1.2-1.4, 2.1, 4.1-4.4, 5-1
5.2 The student will develop basic technology skills.	PC100 - Basic Skills PC101 - Computer Basics PC110 - Files and Folders PC120 - The Internet Using Netscape PC125 - The Internet Using Internet Explorer & Outlook Express
a) Develop a basic technology vocabulary that includes cursor, software, memory, disk drive, hard drive, and CD-ROM.	PC101 - Computer Basics, Sec. 1.4, 2.1-2.6, 3.1-3.4, 4.2-4.3
5.3 The student will process, store, retrieve, and transmit electronic information.	Pre-requisite Skills: PC101 - Computer Basics, Sec. 1.3, 2.2-2.4, 2.6, 3.1-3.2, 3.4, 4.1-4.3, 5.1 PC110 - Files and Folders PC120 - The Internet Using Netscape, Sec. 9-33 PC125 - The Internet Using Internet Explorer & Outlook Express
d) Describe advantages and disadvantages of various computer processing, storage, retrieval, and transmission techniques.	Pre-requisite Skills: PC101 - Computer Basics, Sec. 1.3, 2.2-2.4, 2.6, 3.1-3.2, 3-4, 4.1-4.3, 5-1
<b>Reporting Category: Basic Operational Skills</b>	
5.2 The student will develop basic technology skills.	PC100 - Basic Skills PC101 - Computer Basics PC110 - Files and Folders PC120 - The Internet Using Netscape PC125 - The Internet Using Internet Explorer & Outlook Express
b) Select and use technology appropriate to tasks.	Pre-requisite Skills: PC101 - Computer Basics
d) Operate peripheral devices	PC101 - Computer Basics, Sec. 2.1, 2.7, 3.2, 4.3, 5.1-5.2

5.3 The student will process, store, retrieve, and transmit electronic information.	Pre-requisite Skills: PC101 - Computer Basics, Sec. 1.3, 2.2-2.4, 2.6, 3.1-3.2, 3.4, 4.1-4.3, 5.1 PC110 - Files and Folders, Sec. 7-10, 13-14 PC120 - The Internet Using Netscape, Sec. 9-33 PC125 - The Internet Using Internet Explorer & Outlook Express, Sec. 9-32
a) Use search strategies to retrieve electronic information using databases, CD-ROMs, videodiscs, and telecommunications.	PC101 - Computer Basics, Sec. 1.2, 1.4, 2.3, 2.6-2.7, 3.3, 4.1-4.2, 5.1-5.3 PC120 - The Internet Using Netscape, Sec. 9-16 PC125 - The Internet Using Internet Explorer & Outlook Express, Sec. 9-16
b) Use electronic encyclopedias, almanacs, indexes, and catalogs.	Pre-requisite Skills: PC100 - Basic Skills PC101 - Computer Basics, Sec. 3.3
c) Use local and wide-area networks and modem-delivered services to access information from electronic databases.	Pre-requisite Skills: PC101 - Computer Basics, Sec. 5.1-5.3 PC120 - The Internet Using Netscape PC125 - The Internet Using Internet Explorer & Outlook Express
5.4 The student will communicate through application software.	Pre-requisite Skills: PC101 - Computer Basics, Sec. 3.1-3.3 PC110 - Files and Folders
a) Create a 1–2 page document using word processing skills, writing process steps, and publishing programs.	Pre-requisite Skills: PC100 - Basic Skills PC110 - Files and Folders, Sec. 1-12
<b>Reporting Category: Using Technology to Solve Problems</b>	
5.2 The student will develop basic technology skills.	Pre-requisite Skills: PC101 - Computer Basics PC100 - Basic Skills
e) Apply technologies to strategies for problem solving and critical thinking.	Pre-requisite Skills: PC100 - Basic Skills PC110 - Files and Folders PC120 - The Internet Using Netscape, Sec. 1-16 PC125 - The Internet Using Internet Explorer & Outlook Express, Sec. 1-16
5.4 The student will communicate through application software.	Pre-requisite Skills: PC101 - Computer Basics, Sec. 3.1-3.3 PC110 - Files and Folders
b) Use simple computer graphics and integrate graphics into word-processed documents.	Pre-requisite Skills: PC100 - Basic Skills PC110 - Files and Folders, Sec. 7-10, 30-32

c) Create simple databases and spreadsheets to manage information and create reports.	Pre-requisite Skills: PC100 - Basic Skills PC110 - Files and Folders, Sec. 7-10, 30-32
d) Use local and worldwide network communication systems.	Pre-requisite Skills: PC101 - Computer Basics, Sec. 5.1-5.3 PC120 - The Internet Using Netscape PC125 - The Internet Using Internet Explorer & Outlook Express