## **Table of Contents**

Preface	V	Managing Software  Installing Software	26 27
Chapter 1.		Updating Software	27
Chapter 1: Hardware Essentials		Repairing Software	27
Haraware Essentiats		Uninstalling Software	27
The Purpose of Hardware	2	Customizing Software	27
Internal and External Hardware	2	Personal Computer Interfaces	28
Inputting Data	2	Desktop	28
Core Input Devices	3	Starting Programs	28
Other Input Devices	3	Controlling Program and Folder Windows	29
Outputting Information	5	Hiding, Showing, and Closing Windows	29
Visual Output	5	Sizing and Moving Windows	30
Projectors	7	Learn More	32
Printers	7	Learninore	JZ
Common Technologies	7	Chamten 3	
Other Technologies	9	Chapter 3:	
Dual Function	9	Networking and the Internet	
Processing Data	10	Our Networked World	40
Processing Hardware	10	Types of Networks	40
Processor Types	11	The Internet	41
Storing Data	12	The World Wide Web	41
Permanent Storage	12	Other Services on the Internet	41
Temporary Storage	14	Browsers and Other Internet Tools	41
Hard Drive Characteristics	15	Domains	42
Identifying Permanent Storage Devices on a Computer	15	How to Connect	44
Network Storage	17	Web Browser Features	44
Cloud Storage	17	Address Bar	44
Purchasing Technology Wisely	18	Tabbed Windows	45
Permanent Storage	18	Bookmarks and Favorites	46
Memory	18	Forms	48
CPU	18	Troubleshooting	50
Display	19	Hardware vs. Software	50
Drivers	19	Verify Your IP Address	51
Learn More	21	Verify Your Internet Connection	51
		Determine Your Connection Speed	52
Chapter 2:		Network Security	53
Computer Software		Digital Citizen: Effective Online Searches	53
Using Computer Software	24	Learn More	54
Operating Systems	24		
Staying Up to Date	24		
Programs	26		
Program Types	26		

Chapter 4: Organizing Information		Chapter 6: Locating Information	
Keeping Track of Computer Files	60	Searching for Files and Applications	106
Files, Folders, and Subfolders	60	Integrated Search Feature	106
Folders for Information Organization	60	Searching from a Folder	106
Naming Files and Folders	60	Searching for Information Online	108
Naming Conventions	60	Common Search Engines	109
Good Practices for Naming Files and Folders	60	Effective Search Strings	109
Symbols to Avoid in Filenames	62	Google Search Returns	109
Digital Citizen: Naming Conventions at School or Work	62	Intellectual Property	110
File Types and Extensions	63	Intellectual Property Protections	110
Overview of File Extensions	63	Plagiarism	111
Viewing File Extensions	64	Copyrighted Material	111
File Types and Their Association with Programs	64	Free to Use	111
Viewing Information	66	Learn More	113
The File Explorer Window	66		
Controlling the View	66	Chapter 7:	
The Navigation Pane	71	Cloud Storage	
The Information Path	72		11/
Common Storage Locations for Files	74	Backing Up Information	116
Default Storage Locations in Windows	74	What Is a Backup?	116
Digital Citizen: Respecting Other People's Files	76	Backup Solutions	116
Learn More	77	Backup Software	118
		Recovery	118 119
Chapter 5:		Cloud Storage	119
Files and Folder Management		Benefits and Drawbacks of Cloud Storage Software OneDrive	120
Working with Folders	82	Learn More	124
Creating and Naming Folders	82	200	
Copying and Moving Folders	83	Glossary	125
Working with Files	84	Index	129
Where to Store Files	84	21.007	
Protecting Information	85		
The Save As Dialog Box	87		
Opening and Closing Files	89		
Downloading Files	91		
Organizing Files	93		
Compressing Files and Folders	97		
Archives	98		
Compressed Archives	98		
Compressed Formats	98		
Decompressing Archives	99		
Learn More	101		