

Contents at a Glance

<i>Introduction</i>	1
<i>Part I: A Computer Is Not a Toaster</i>	7
Chapter 1: Getting to Know the Parts You Can See	9
Chapter 2: Thinking Inside the Box.....	27
Chapter 3: Looking Through Windows and Other Software.....	47
<i>Part II: Keeping Your PC Healthy with Preventive Maintenance</i>	65
Chapter 4: Taking Care of Software.....	67
Chapter 5: Practicing Good Computer Hygiene.....	85
Chapter 6: Keeping Intruders out of Your Computer.....	103
Chapter 7: Getting Help When Prevention Fails	121
<i>Part III: Fixing Sick Hardware</i>	137
Chapter 8: Repairing the Monitor	139
Chapter 9: Solving Electrical and Mechanical Problems.....	157
Chapter 10: Installing Memory.....	175
Chapter 11: Changing a Drive, Made Easy	185
Chapter 12: Fixing a Malfunctioning Printer	209
Chapter 13: Taking Care of Your Mouse (or Trackball) and Keyboard	221
<i>Part IV: Resetting the Operating System</i>	237
Chapter 14: Repairing, Refreshing, and Reinstalling Windows.....	239
Chapter 15: Checking and Changing System Configuration.....	253
Chapter 16: Restoring Your Computer's Settings	263
Chapter 17: Working in Safe Mode	279

<i>Part V: Troubleshooting Your PC</i>	293
18: Managing and Troubleshooting Devices	295
19: Relieving Hard Times for Hard Drives.....	307
20: Fixing Common Problems.....	321
<i>Glossary</i>	335
<i>Index</i>	349

Table of Contents

<i>Introduction</i>	1
About This Book	2
Foolish Assumptions	2
Why You Need This Book	3
Conventions Used in This Book	3
How This Book Is Organized	4
Time to Get Started!.....	6
<i>Part I: A Computer Is Not a Toaster</i>	7
Chapter 1: Getting to Know the Parts You Can See	9
Make a Point: Mice and Other Pointing Devices.....	10
Stay on Key: Keyboards and Other Input Devices	12
See Clearly Now: Monitors.....	13
Get the Picture (and Sound): Cameras, Speakers, and Microphones ...	16
Go Online: Modems and Routers.....	17
Put It on Paper: Printers	19
Connect the Parts: Ports and Hubs.....	21
Protect Your PC: Surge Protectors and UPS Devices	24
Chapter 2: Thinking Inside the Box	27
Assemble Your Toolkit.....	28
Get Grounded.....	30
Open the Computer's Case	32
Find Out What Makes Your Computer Think.....	36
See Where Your Computer Stores Your Stuff.....	38
Tour the Computer's Infrastructure	41

Chapter 3: Looking Through Windows and Other Software..... 47

Tour Windows..... 48
Open Control Panel.....49
Customize Your Display.....50
Set Internet Options.....52
Configure Mail53
Use the Network Setup Wizard55
Configure Printers and Faxes.....56
Explore Windows Accessories.....58
Use Windows Explorer59
View System Information61
Run the Program Compatibility Wizard62

Part II: Keeping Your PC Healthy with Preventive Maintenance 65

Chapter 4: Taking Care of Software 67

Check for Windows Updates Manually.....68
Check for Windows Updates Automatically70
Update Other Software73
Check Your Service Pack Status.....74
Check for and Install Service Pack Updates75
Download and Configure Windows Live Applications.....76
Fix Corrupted Program Files.....79
Fix Corrupted Device Drivers79
Uninstall a Misbehaving Program When All Else Fails81

Chapter 5: Practicing Good Computer Hygiene 85

Run the System Configuration Utility86
Run Microsoft Office Diagnostics88
Clean Up Your Hard Drive.....90
Defragment Your Hard Drive.....91
Test for Chinks in the Security Armor93



Keep Things Cool	95
Mind Your Monitor.....	98
Pamper Your Printer	101
Chapter 6: Keeping Intruders out of Your Computer	103
Play Smart Defense	104
Configure Windows Security Center.....	105
Build a Firewall in Windows.....	107
Check for Viruses	109
Fight Malware.....	110
Stop Spyware	114
Avoid Getting Hooked by Phishers	116
Can That Spam.....	118
Chapter 7: Getting Help When Prevention Fails	121
Identify the Problem: Hardware or Software	122
Find a Helper.....	123
Get Remote Assistance in Windows XP.....	125
Get Remote Assistance in Vista	126
Get Remote Assistance in Windows 7	130
Weigh the Cost of Repair versus Replacement.....	132
Part III: Fixing Sick Hardware	137
Chapter 8: Repairing the Monitor	139
Check the Display	140
Troubleshoot the Display.....	143
Beat the Blue Screen of Death	144
Check and Change Display Settings in Windows XP and Vista	146
Check and Change Display Settings in Windows 7	147
Troubleshoot a Video Adapter in Windows XP and Vista.....	150
Troubleshoot a Video Adapter in Windows 7.....	152
Reset a Video Driver.....	153
Prevent Future Picture Problems.....	154

Chapter 9: Solving Electrical and Mechanical Problems ... 157

Diagnose a Failing Power Supply 158
Research a Replacement Power Supply 159
Remove and Replace the Power Supply 166
Replace the Cooling Fan..... 168
Mend a Modem..... 171

Chapter 10: Installing Memory 175

Find the Right Memory Module 176
Install a New Memory Module 177
Troubleshoot Jumbled Memory..... 181

Chapter 11: Changing a Drive, Made Easy 185

Determine What You Need 186
Install a New Internal Drive 193
Install a New External Drive..... 196
Partition the Drive 198
Format the Drive 199
Troubleshoot a New Internal Drive 202
Troubleshoot a New External Drive..... 204
Install a New Internal CD/DVD Drive 205
Test a New CD/DVD Drive..... 207

Chapter 12: Fixing a Malfunctioning Printer 209

Check Printed Pages for Problems..... 210
Test the Printer's Hardware 213
Test the Printer's Software 219

**Chapter 13: Taking Care of Your Mouse
(or Trackball) and Keyboard..... 221**

Keep Your Keyboard Clean..... 222
Diagnose a Troubled Keyboard..... 225
Practice Good Mousekeeping..... 229

Vet Your Mouse	232
Revive a Dead Mouse, Trackball, or Keyboard.....	235
Replace a Dead Mouse, Trackball, or Keyboard.....	235
Part IV: Resetting the Operating System	237
Chapter 14: Repairing, Refreshing, and Reinstalling Windows	239
Repair a Windows XP Installation	240
Repair a Vista or Windows 7 Installation.....	243
Refresh Windows	246
Know When to Reinstall Windows.....	248
Reinstall Windows	249
Chapter 15: Checking and Changing System Configuration.....	253
View and Document System Setup Screens	254
View System Configuration in Windows XP.....	256
Select Diagnostic Startup in Windows XP.....	258
Return to Normal Startup in Windows XP.....	260
View System Configuration in Vista and Windows 7.....	260
Chapter 16: Restoring Your Computer's Settings.....	263
Undo Something You Just Did	264
Uninstall a Problematic Program.....	264
Choose the Right Utility to Solve Your Problem.....	267
Reset Your PC with System Restore	267
Create a Restore Point Manually in Windows XP.....	275
Create a Restore Point Manually in Vista	275
Create a Restore Point Manually in Windows 7	275
Revert to the Last Known Good Configuration	276
Chapter 17: Working in Safe Mode	279
Start Your Computer in Safe Mode.....	280
Make the Monitor Easier to Read in Safe Mode	283
Use Safe Mode Tools.....	284

Fix Your Own Computer For Seniors For Dummies _____

Test New Hardware in Safe Mode.....	287
Test Settings in Safe Mode.....	288
Choose Advanced Safe Mode Options	289
Exit Safe Mode.....	292
<i>Part V: Troubleshooting Your PC.....</i>	293
Chapter 18: Managing and Troubleshooting Devices	295
See What You Can Do with Device Manager.....	296
Open Device Manager	297
Resolve a Conflict	300
Disable a Device.....	302
Use a Windows Troubleshooting Wizard.....	304
Update a Device Driver.....	306
Chapter 19: Relieving Hard Times for Hard Drives.....	307
Defragment the Drive with Windows' Defragmenting Tool.....	308
Defragment the Drive with a Third-Party Utility.....	310
Check for Disk Errors Automatically	311
Check for Disk Errors Manually with Chkdsk	314
Take Out the Garbage with Disk Cleanup	317
Chapter 20: Fixing Common Problems.....	321
Start a Computer That Won't Start.....	322
Solve Basic Hardware Problems.....	324
Troubleshoot Common Windows Woes.....	327
Solve Basic Software Problems.....	329
Get Back on the Internet.....	331
<i>Glossary</i>	335
<i>Index.....</i>	349