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<tr>
<td colspan="2" align="center">Goodheart-Willcox Correlation of
Principles of Information Technology ©2017
to Idaho Content Standards
Course: Information and Communication Technology
Grades 9-12</td>
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<tr>
<td align="center">STANDARD</td>
<td align="center">CORRELATING PAGES</td>
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<tr>
<td colspan="2" align="center">Standard 1: Creativity and Innovation
Goal 1.1: Demonstrate creative thinking, construct knowledge, and use information and communication technologies to develop innovative products and processes.</td>
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<tr>
<td>1.1</td>
<td>Evaluate and interpret existing knowledge to generate new ideas, products, or processes.</td>
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STANDARD		CORRELATING PAGES
1.1	Evaluate and interpret existing knowledge to generate new ideas, products, or processes.	Pg. 407 What-If Analysis paragraphs #1–2 Pg. 431 Chapter 10 Test Question #15 Pg. 528–530 Evaluating Results Pg. 550–551 Chapter 13 Test Questions #3, 7 Pg. 551 Application and Extension of Knowledge #2 Pg. 685–689 Areas of Growth
1.2	Create original works as a means of personal or group expression using multiple resources and formats.	Pg. 304–316 Section 8.1 Creating a Business Letter Pg. 317–333 Section 8.2 Creating a Report Pg. 343 Chapter 8 Test Questions #1–2, 4, 6–7, 11–12 Pg. 344 Application and Extension of Knowledge #1–2 Teamwork Pg. 130, 301, 396–397, 433, 505
1.3	Create models and simulations to explore complex systems and issues to identify trends and forecast possibilities.	Pg. 407 What-If Analysis paragraphs #1–2 Pg. 431 Chapter 10 Test Question #15

Standard 2: Communication and Collaboration
Goal 2.1: Use digital media and environments to communicate and work collaboratively to support individual learning and to contribute to the learning of others.

STANDARD		CORRELATING PAGES
2.1	Inquire, interact, and publish with peers, experts, or others employing a variety of digital media and environments.	Pg. 304–316 Section 8.1 Creating a Business Letter Pg. 317–333 Section 8.2 Creating a Report Teamwork Pg. 130, 301, 396–397, 433, 505
2.2	Collaborate with others using digital tools and media to identify issues and exchange ideas, develop new understandings, make decisions and/or solve problems	Pg. 628–630 Collaboration Pg. 631 Section 15.3 Check Your Understanding Question #5 Pg. 633 Chapter 15 Test Question #10 Pg. 634 Application and Extension of Knowledge Question #4

	Standard 3: Research Skills and Critical Thinking	
	Goal 3.1: Exercise critical thinking to plan and conduct research using a variety of information resources including print, digital and other sources.	
3.1	Design research questions and strategies based on information needs to solve an information problem or make an informed decision.	Pg. 318–319 Planning a Report Pg. 319 Researching a Report Pg. 706 Thinking Skills
3.2	Evaluate and select a variety of resources to solve an information problem or make an informed decision.	Pg. 528–530 Evaluating Results Pg. 550–551 Chapter 13 Test Questions #3, 7
3.3	Formulate specific searches using advanced navigation skills to access a variety of resources.	Pg. 527–531 Using Search Engines Pg. 532 Section 13.1 Check Your Understanding #4 Pg. 550 Chapter 13 Test Questions #3 Pg. 553 Internet Research: Boolean Searches Pg. 706 Thinking Skills
3.4	Collect, analyze, organize, and interpret data and information to make informed decisions, draw conclusions, and construct new understanding and knowledge.	Pg. 295–296 Readability Pg. 318–324 Creating a Report Pg. 330–331 Citations Pg. 333 Section 8.2 Section Review Question #2, 3, 5 Pg. 422–424 Locating and Organizing Data Pg. 425–426 Hands-on Example 10.2.7: Sorting Data Pg. 705–706 Basic Skills Pg. 706 Thinking Skills
	Standard 4: Digital Citizenship	
	Goal 4.1: Understand human, cultural, and societal issues related to information and communication technologies and practice legal and ethical behavior.	
4.1	Practice and explain importance of safe, ethical, legal, and responsible use of information and technology.	Pg. 209 CTSOs Event Prep: Ethics Pg. 334–341 Section 8.3 Ethical Practices for Intellectual Property Pg. 531–532 Ethical Use of the Internet Pg. 572–581 Section 14.3 Network Security Pg. 618–631 Section 15.3 Good Communication Practices Pg. 633 Chapter 15 Test Questions # 4–5, 12 Pg. 633–634 Application and Extension of Knowledge #2–3 Pg. 636–681 Chapter 16 Security, Privacy, and Safety
4.2	Practice and explain importance of citing information sources.	Pg. 330–331 Citations Pg. 333 Section 8.2 Section Review Question #5 Pg. 338–340 Proper Usage of Information Pg. 341 Section 8.3 Section Review Question #4 Pg. 343 Chapter 8 Test Questions #8–9, 13–14

Standard 5: Technology Operations & Concepts		
Goal 5.1: Demonstrate a sound understanding of technology concepts, systems, and operations.		
5.1	Evaluate, configure, and implement various technologies.	Pg. 6–19 Section 1.1 Computers are Everywhere Pg. 20–24 Section 1.2 Computers in the Workplace Pg. 31 Chapter 1 Test Questions #1–4, 7–8, 10–13, 15 Pg. 34–79 Chapter 2 Hardware Pg. 178–184 Section 5.1 Purchasing a System Pg. 183 Hands-on Example 5.1.1: Evaluate Computer Systems Pg. 206–207 Chapter 5 Test Questions #1, 6–7, 12, 14
5.2	Select, use and integrate various software applications.	Pg. 15–18 New and Emerging Classes of Software Pg. 80–129 Chapter 3 Software Pg. 187–189 Maintaining the Software Pg. 264–301 Chapter 7 Word-Processing Software Pg. 346–397 Chapter 9 Presentation Software Pg. 398–433 Chapter 10 Spreadsheet Software Pg.462–505 Chapter 12 Database Software Pg. 693 Software Developer
5.3	Troubleshoot technology systems and software applications.	Pg. 190–205 Section 5.3 Troubleshooting Basics Pg. 192–193 Hands-on Example 5.3.1: Online Troubleshooting Help Pg. 202 Hands-on Example 5.3.2: Terminating a Program Pg. 204 Hands-on Example 5.3.3: Startup Processes Pg. 207 Chapter 5 Test Questions #4–5, 9–10, 13 Pg. 208 Application and Extension of Knowledge Questions #4, 5
5.4	Integrate new technologies into current knowledge and practices.	Pg. 586–635 Chapter 15 Electronic Communication and Collaboration Pg. 684–700 Section 17.1 Career Fields in Information Technology Pg. 728–729 Chapter 17 Test Questions #1–2, 6–7, 10–15 Pg. 729–730 Application and Extension of Knowledge Questions #1–5