

**G L E N C O E**

**Correlation**

**Health Care Science Technology:  
Career Foundations**

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Florida  
Health Science 1  
Grades 9 - 12

**CORRELATION  
FLORIDA DEPARTMENT OF EDUCATION  
COURSE DESCRIPTION**

**SUBJECT:** Health Science Education  
**COURSE NAME:** Health Science 1  
**SUBMISSION TITLE:** Health Care Science Technology: Career Foundations © 2004  
**PUBLISHER:** Glencoe/McGraw-Hill  
**GRADE(S):** 9-12

**COURSE CODE NUMBER:** 8417100

OUTCOME NUMBER	BENCHMARK NUMBER	INTENDED OUTCOME/BENCHMARK DESCRIPTION	PAGE(S) OR LOCATION(S) WHERE TAUGHT IN MAJOR TOOL	I/M*
1		DISCUSS AND DESCRIBE AN OVERVIEW OF THE HUMAN BODY, INCLUDING ORGANIZATION AND CHEMICAL PROCESSES		
1.01		Define cells, tissues, organs, and systems. (LA) A1.3	SE: 171-175	I
1.02		Identify body cavities and the organs they contain.(LA) A1.3	SE: 175, 177-178	I
1.03		Define the chemical processes that maintain life.(S) F1.1	SE: 179-180, 184, 186-188, 209-211, 219-223, 226-227	M
2		USE CORRECT MEDICAL TERMINOLOGY RELATING TO BODY STRUCTURE AND FUNCTION		
2.01		Use anatomical terminology to describe location of parts or areas of the body or to describe the relation of one part to another. (LA) A1.3	SE: 173-178	I
2.02		Use correct medical terminology, including prefixes and suffixes, to indicate anatomical structures. (LA) A1.3	SE: 144-169	I
3		IDENTIFY CELLS AND TISSUES MICROSCOPICALLY AND MACROSCOPICALLY AND RELATE THEIR SPECIALIZED FUNCTIONS		
3.01		Describe cell structure and function in healthy tissue. (S)F1.5	SE: 171, 179-180, 186-188, 198-199, 203-204, 357-359	M
3.02		Describe cell structure and function in diseased tissue. (S)F1.5	SE: 185, 357-359, 360	M
3.03		List the four main types of tissue. (S)F1.2	SE: 171, 173	I
3.04		Define the location and function of tissues. (S)F1	SE: 171, 173	I

SE = Student Edition

OUTCOME NUMBER	BENCHMARK NUMBER	INTENDED OUTCOME/BENCHMARK DESCRIPTION	PAGE(S) OR LOCATION(S) WHERE TAUGHT IN MAJOR TOOL	I/M*
4		IDENTIFY AND DISCUSS THE STRUCTURE AND FUNCTION OF THE BODY SYSTEMS IN RELATION TO HEALTH AND DISEASE		
4.01		Describe the structure and function of each body system. (S)F1.2	SE: 173-175, 179-182, 184-188, 192-196, 198-199, 203-206, 209-211, 213-216, 219-223, 226-228, 229-237, 238-241	I
4.02		Identify common diseases in each body system. (LA) A1.3	SE: 182-184, 188-191, 196-198, 199-201, 206-209, 211-213, 217-218, 223-226, 228, 231-234, 237-238, 241-244	I
4.03		Identify health careers related to each system.	SE: 10-14, 463-474, 537-545, 605-611, 631-639, 665-678, 687-700, 707-711, 769-775, 799-807, 823-839, 851-858, 967-971	I
4.04		Perform skills related to specific body systems.	SE: 97-116, 117-118, 119-122, 122-124, 125, 126-129, 130-132, 132-133, 134-135, 343-346, 346-350, 445-447, 486-487, 488-489, 524-533, 549-550, 551-552, 553-554, 617-618, 622-623, 625-626, 642-645, 657-659, 718-721, 815-819, 842-845	I
5		IDENTIFY AND EXPLAIN FACTORS RELATING TO THE TRANSMISSION OF DISEASE		
5.01		List and explain direct causes of disease. (H)B1.2	SE: 66-71	M
5.02		List and explain indirect causes of disease. (H)B1.2	SE: 297	M
5.03		Explain the chain of transmission. (LA)C3.3 (H)B3	SE: 75-77	I
5.04		Discuss the immune system. (H)B3 (LA)C3	SE: 236-238	M
5.05		Define and explain homeostasis. (LA)C3	SE: 206	M
5.06		List and discuss the body's defense mechanisms. (H)C(LA)C3	SE: 229-231, 234-237	M
5.07		Describe DNA and its role in human heredity. (S)F2.2	SE: 171, 172	M
5.08		Describe the role of human genetics in relation to genetic diseases. (S)F2		
5.09		Identify current issues related to genetic research. (S)F2		