



# Form F.8

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## Publisher Alignment Form and Review Scoring Rubric

Summer 2013 Adoption Review Institute:

Health Science Career Cluster™ Supplement

### Publisher Information and Instructions:

Corporation or Publisher:	The Goodheart-Willcox Company, Inc.	Submitted By (Name):	Kelly A. Jackson	E-mail:	kjackson@g-w.com
Division or Imprint:	Goodheart-Willcox Publisher	Phone:	708.623.1911	Lexile Score:	1180L
Title of Student Edition:	Introduction to Anatomy and Physiology	ISBN:	978-1-61960-412-4		
Title of Teacher Edition:	Introduction to Anatomy and Physiology - Teacher's Edition	ISBN:	978-1-61960-416-2		

### Alignment Contact Information:

Completed By (Name):	Kelly A. Jackson	E-mail:	kjackson@g-w.com
Phone:	708.623.1911	Date:	May 22, 2013

### SECTION I: (CONTENT STANDARDS) CITATION REQUIREMENTS AND SCORING

- Enter the highest level of citation for each indicator; enter the page number and the paragraph. (Example: [123-5] would refer the reviewer to Page 123, paragraph 5 to find the evidence of the indicator.)
  - Citations may refer to either the Student Edition or the Teacher Edition.
  - Each citation must address the appropriate level of cognition:
    - Citation 1: Cites material that provides an introduction to the content at the basic knowledge and recall levels.
    - Citation 2: Cites material that builds on prior knowledge/skills at the comprehension and application levels.
    - Citation 3: Cites material that builds on prior knowledge/skills and integrates content to meet the standard at the analysis, synthesis and/or evaluation levels.
  - The citation(s) must be found satisfactory by the Review Team to meet the requirements of the standard. Scoring will be as follows:
    - Satisfactory citations at the "Basic Knowledge" level only, or no valid citations, score zero (0) points.
    - Satisfactory citations at the "Application" level score a total of six (6) points.
    - Satisfactory citations at the highest levels of Bloom's Taxonomy score a total of ten (10) points.
- NOTE:** The reviewer will ONLY enter the highest level score. (Example, if the publisher places a citation in Column 2 and 3 and the reviewer verifies that it meets level three (3), they will enter ten (10) points)

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**INSTRUCTIONS: Complete citations for the Health Science Career Cluster™**

SECTION I Common Career Technical Core	Citation 1	Citation 2	Citation 3	Item #	Item Score
<b>Completion of the Career Cluster Citations Below is Mandatory</b>					
<b>Health Science (HL) Career Cluster™</b>					
Determine academic subject matter, in addition to high school graduation requirements, necessary for pursuing a health science career.	188-4	361-2	485-1	1	
Explain the healthcare worker's role within their department, their organization, and the overall healthcare system.	567-2; 326-5	261-1; 521-2	360-3; 360-6; 148-3; 75-3	2	
Identify existing and potential hazards to clients, coworkers, visitors, and self in the healthcare workplace.	75-3	25-3	107-5	3	
Evaluate the roles and responsibilities of individual members as part of the healthcare team and explain their role in promoting the delivery of quality health care.	102-6; 148-5; 484-3	149-1; 261-1; 360-5; 360-12	294-6; 326-5; 326-9; 404-6; 566-4	4	
Analyze the legal and ethical responsibilities, limitations and implications of actions within the healthcare workplace.	444-4	517-8	557-10	5	
Evaluate accepted ethical practices with respect to cultural, social and ethnic differences within the healthcare workplace.	537-1	517-#2; 571-#51	557- #1	6	
Total Possible Score 60					

**INSTRUCTIONS: Complete citations for ONLY ONE career pathway category below. (If multiple pathway categories are completed, the reviewer shall only review the first pathway completed in the sequence below.)**

<b>Biotechnology Research &amp; Development Career Pathway</b>					
Summarize the goals of biotechnology research and development within legal and ethical protocols.				1	
Apply the fundamentals of biochemistry, cell biology, genetics, mathematical concepts, microbiology, molecular biology, organic chemistry and statistics to conduct effective biotechnology research and development of products.				2	
Demonstrate basic knowledge of recombinant DNA, genetic engineering,				3	

IMB Scoring Rubric  
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Career and Technical Education

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SECTION I Common Career Technical Core	Citation 1	Citation 2	Citation 3	Item #	Item Score
bioprocessing, monoclonal antibody production, nanotechnology, bioinformatics, genomics, proteomics and transcriptomics to conduct biotechnology research and development.					
Demonstrate the principles of solution preparation, sterile techniques, contamination control, and measurement and calibration of instruments used in biotechnology research.				4	
Determine processes for product design and production and how that work contributes to an understanding of the biotechnology product development process.				5	
Summarize and explain the larger ethical, moral and legal issues related to biotechnology research, product development and use in society.				6	
Total Possible Score 60					
<b>Diagnostic Services Career Pathway</b>					
Communicate key diagnostic information to healthcare workers and patients in an accurate and timely manner.				1	
Assess and report patient's/client's health status in order to monitor and document patient progress.				2	
Demonstrate the principles of body mechanics for positioning, transferring and transporting of patients/clients, and perform them without injury to the patient/client or self.				3	
Explain procedures and goals to the patient/client accurately and effectively, using strategies to respond to questions and concerns.				4	
Select, demonstrate and interpret diagnostic procedures.				5	
Total Possible Score 50					
<b>Health Informatics Career Pathway</b>					
Communicate health information accurately and within legal and regulatory guidelines, upholding the strictest standards of confidentiality.				1	
Describe the content and diverse uses of health information.				2	
Demonstrate the use of systems used to capture, retrieve and maintain				3	

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SECTION I Common Career Technical Core	Citation 1	Citation 2	Citation 3	Item #	Item Score
confidential health information from internal and external sources.					
Total Possible Score 30					
<b>Support Services Career Pathway</b>					
Describe, differentiate and safely perform the responsibilities of healthcare support services roles.				1	
Demonstrate work practices that maintain a clean and healthy healthcare facility to reduce or eliminate pathogenic organisms.				2	
Follow established internal and external guidelines in order to provide high-quality, effective support services in the healthcare facility.				3	
Maximize available resources for proper care and use of healthcare equipment and materials.				4	
Implement healthcare facility standards in order to maintain high-quality healthcare facilities.				5	
Total Possible Score 50					
<b>Therapeutic Services Career Pathway</b>					
Utilize communication strategies to answer patient/client questions and concerns on planned procedures and goals.	102-2; 447- #7	521-2	566-4	1	
Communicate patient/client information among healthcare team members to facilitate a team approach to patient care.	295-1	148-5	444-8	2	
Utilize processes for assessing, monitoring and reporting patient's/clients' health status to the treatment team within protocol and scope of practice.	103-1	360-3	444-8	3	
Evaluate patient/client needs, strengths and problems in order to determine if treatment goals are being met.	294-6	484-4	520-3	4	
Total Possible Score 40					

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