

# **Textbook and Instructional Material Evaluation Rubric Form- Science**

Instructional materials are designed for use by students and teachers as a learning resource for students to acquire essential knowledge, skills, abilities, and dispositions. This includes print and non-print materials, including comprehensive/core textbooks, supplemental materials, Web-based and electronic textbooks, and assessments.

Title: Essentials of Human Anatomy & Physiology

Author(s): Marieb & Keller

Publisher(s): Pearson Education, Inc.

Copyright Date: 2017

Subject/Grade Level: High School Honors Anatomy

Student ISBN: 9780134580579, 9781323501436

Teacher Edition ISBN: Online access with student account

**Instructions: Use the tables below to determine if the Textbook or Instructional material meets each criteria.**

## **Organization**

<b>Criteria</b>	<b>2 Meets</b>	<b>1 Inadequate</b>	<b>Comments</b>
1. Material provides a useful table of contents, glossary, supplemental pages, and index.	2		
2. Layout is consistent; chapters/units are arranged logically; and allow access through multiple modalities.	2		
3. Teacher edition contains interesting introductions and a list of prerequisites skills for each chapter.			Need additional resources but this is the next version of our current textbook so the belief is the teacher edition will meet the current level.
4. Material contains examples, explanations, and/or online resources to the depth and breadth of the Nevada Academic Content Standards and Literacy Standards.	2		
5. Information is accurate, current, and research based.	2		
6. Vocabulary is specialized (language carefully considered and evolves across grade levels).	2		
7. Size and format of print is appropriate.	2		
8. Format is visually appealing and interesting.	2		Supporting examples in textbook
9. Material provides assessment type questions and/or performance-based tasks.	2		
10. Electronic and interactive format available.	2		
Other:			
<b>Total Organization:</b>	<b>18</b>		

## Science Content

Criteria	2 Meets	1 Inadequate	Comments
11. Materials focus on the knowledge, skills, and abilities (KSA's) appropriate to the grade level.	2		
12. Real-world applications are relevant to the students.	2		
13. Information and directions are clearly written and explained.	2		
14. Tasks are aligned to the Nevada Academic Content Standards and Literacy Standards (e.g., investigations, experiments, evidence to construct an argument, and safety).	2		
15. Lessons/tasks are interdisciplinary when appropriate.		1	Not enough information
16. Non-text content (maps, graphs, pictures, etc.) are accurate, authentic, and well integrated into the instructional material.	2		Supporting examples on pg. 157
17. Tasks apply to the diversity of students and their abilities, interests, and learning styles	2		
18. Questions and tasks encourage the development and application of higher-level thinking skills.	2		Supporting examples found in textbook
19. Teacher edition includes questioning strategies and/or questions to check for understanding at all Depth of Knowledge (DOK) levels.			Need additional resources but this is the next version of our current textbook so the belief is the teacher edition will meet the current level.
20. Teacher edition includes formative assessment/evaluation tools and processes.			Need additional resources but this is the next version of our current textbook so the belief is the teacher edition will meet the current level.
21. Material provides access to or demonstrates concepts in multiple ways, allowing for a variety of student responses.	2		
22. Tasks have a purpose, aligned to a skill or concept at grade level.	2		
23. Material includes application of skills and concepts at grade level.	2		
24. Material provides strategic use of scientific tools, including technology.		1	
25. The material is focused on the major ideas/skills at that grade level.	2		
26. Content includes 21 <sup>st</sup> Century skill development such as collaboration, creative thinking, and problem solving.	2		
Other: _____	2		Well organized and PowerPoints align with curriculum.
<b>Total Science Content Criteria:</b>	<b>26</b>	<b>2</b>	

### Inclusion

Criteria	2 Meets	1 Inadequate	Comments
27. Material reflects a variety of ways to differentiate instruction and model content to support all learners.	2		
28. Material reflects sensitivity with regard to gender, race/ethnicity, religion, socioeconomic status, intellectual, and physical abilities. (excluding science content found within the adopted standards, e.g., evolution, global warming)	2		
29. Material includes access to a multilingual glossary.		1	Lacking multilingual glossary in textbook.
30. Material provides resources for students with disabilities and English Language Learners aligned to grade level content.			No provided in samples
31. Material is available for students with visual impairments via a NIMAS file on the NIMAC system.			Not provided in samples
Other:			
<b>Total Inclusion Criteria:</b>	<b>4</b>	<b>1</b>	

### Alignment

Criteria	2 Meets	1 Inadequate	Comments
32. Material content aligns to district/organization curriculum.	2		
33. Material content aligns with college and career readiness skills (Nevada Academic Content Standards and Literacy Standards).	2		
34. Material is a useful resource in preparing students to meet the requirements of the Nevada Academic Content Standards/ Literacy Standards and statewide assessments.	2		
Other:			
<b>Total Alignment Criteria:</b>	<b>6</b>		

Total Score for Science Textbook or Instructional Material: 57