

District Review Committee Summary

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: Bring Science Alive! Author(s): Bert Bower Publisher(s): Teachers Curriculum Institute (TCI)
Exploring Science Practices

Copyright Date: Grades K-5
2015

Subject/Grade Level: Science / K-5

Student ISBN:

Teacher Edition ISBN:

All can be accessed at
<http://shop.teachtci.com/science/elementary-science>

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

Organization

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

20

Science Content

1

Criteria	2 Meets	1 Inadequate	Comments
11. Materials focus on the knowledge, skills, and abilities (KSA's) appropriate to the grade level.	X		
12. Real-world applications are relevant to the students.	X		
13. Information and directions are clearly written and explained.	X		
14. Tasks are aligned to the Nevada Academic Content Standards and Literacy Standards (e.g., investigations, experiments, evidence to construct an argument, and safety).	X		
15. Lessons/tasks are interdisciplinary when appropriate.	X		
16. Non-text content (maps, graphs, pictures, etc.) are accurate, authentic, and well integrated into the instructional material.	X		
17. Tasks apply to the diversity of students and their abilities, interests, and learning styles	X		
18. Questions and tasks encourage the development and application of higher-level thinking skills.	X		
19. Teacher edition includes questioning strategies and/or questions to check for understanding at all Depth of Knowledge (DOK) levels.	X		
20. Teacher edition includes formative assessment/evaluation tools and processes.	X		
21. Material provides access to or demonstrates concepts in multiple ways, allowing for a variety of student responses.	X		
22. Tasks have a purpose, aligned to a skill or concept at grade level.	X		
23. Material includes application of skills and concepts at grade level.	X		
24. Material provides strategic use of scientific tools, including technology.	X		
25. The material is focused on the major ideas/skills at that grade level.	X		
26. Content includes 21 st Century skill development such as collaboration, creative thinking, and problem solving.	X		
Other: _____			
Total Science Content Criteria:	32		

Inclusion

Criteria	2 Meets	1 Inadequate	Comments
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2

27. Material reflects a variety of ways to differentiate instruction and model content to support all learners.	X		
28. Material reflects sensitivity with regard to gender, race/ethnicity, religion, socio-economic status, intellectual, and physical abilities. (excluding science content found within the adopted standards, e.g., evolution, global warming)	X		
29. Material includes access to a multilingual glossary.	X		
30. Material provides resources for students with disabilities and English Language Learners aligned to grade level content.	X		
31. Material is available for students with visual impairments via a NIMAS file on the NIMAC system.	X		Unknown. However, program
Other: _____			has magnification features
Total Inclusion Criteria:	10		for all print and pictures.

Alignment

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

Total Score for Science Textbook or Instructional Material: 68/68