

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

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: \_\_\_\_\_ Author(s): \_\_\_\_\_ Publisher(s): \_\_\_\_\_

Copyright Date: \_\_\_\_\_ Subject/Grade Level: \_\_\_\_\_

Student ISBN: \_\_\_\_\_

Teacher Edition ISBN: \_\_\_\_\_

**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. Layout is consistent; chapters/units are arranged logically; and allow access through multiple modalities.			
3. Teacher edition contains interesting introductions and a list of prerequisites skills for each chapter.			
4. Material contains examples, explanations, formulas and/or online resources to required depth and breadth of the Nevada Academic Content Standards.			
5. Information is accurate, current, and research-based.			
6. Vocabulary is specialized (language carefully considered and evolves across grade level).			
7. Size and format of print is appropriate.			
8. Format is visually appealing and interesting.			
9. Material provides Smarter Balanced assessment type questions and/or performance-based tasks.			
10. Electronic and interactive format available.			
Other: _____			
<b>Total Organization:</b>			

## Mathematics Content

Criteria	2 Meets	1 Inadequate	Comments
11. Materials <b>focus</b> on the knowledge, skills, and abilities (KSA's) appropriate to the grade level.			
12. Material demonstrates <b>coherence</b> of KSA's appropriate to grade level.			
13. Material demonstrates complexity to conceptual understanding, procedural skills, fluency, and application ( <b>rigor</b> ).			
14. Material is consistent with the progression of the KSA at each grade level.			
15. Real-world applications are given and relevant to the students.			
16. Information and directions are clearly written and explained.			
17. Tasks are aligned to the domains of the Nevada Academic Content Standards.			
18. Lessons/tasks are interdisciplinary when appropriate.			
19. Non-text content (maps, graphs, pictures, etc.) are accurate, authentic, and well integrated into the instructional material.			
20. Tasks apply to the diversity of students and their abilities, interests, and learning styles.			
21. Questions and tasks encourage the development and application of higher-level thinking skills.			
22. Teacher edition includes questioning strategies and/or questions to check for understanding at all Depth of Knowledge (DOK) levels.			
23. Teacher edition includes formative assessment/evaluation tools and processes.			
24. Material and tasks focus on the eight Mathematical Practices.			
25. Material provides access to or demonstrates concepts in multiple ways, allowing for a variety of student responses.			
26. Tasks have a purpose, aligned to a skill or concept at grade level.			
27. Material includes understanding and application of skills and concepts at grade level.			
28. Material provides strategic use of mathematical tools, including technology.			
29. The material is focused on the major ideas/skills at that grade level.			
30. Content includes 21 <sup>st</sup> Century skill development such as collaboration, creative thinking, and problem solving.			
Other: _____			
<b>Total Mathematics Content Criteria:</b>			

## Inclusion

Criteria	2 Meets	1 Inadequate	Comments
31. Material reflects a variety of ways to differentiate instruction and model content to support all learners.			
32. Material reflects sensitivity with regard to gender, race/ethnicity, religion, socio-economic status, intellectual, and physical abilities.			
33. Material includes access to a multilingual glossary.			
34. Material provides resources for students with disabilities and English Language Learners aligned to grade level content.			
35. Material is available for students with visual impairments via a NIMAS file on the NIMAC system.			
Other: _____			
<b>Total Inclusion Criteria:</b>			

## Alignment

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

Total Score for Mathematics Textbook or Instructional Material: \_\_\_\_\_