

# 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: *The Practice of  
Stats*  
Copyright Date: *2015*

Author(s): *Starnes  
Tabor Moore  
Yates*

Publisher(s): *Ann Heath*

Subject/Grade Level: *Math/AP*

Student ISBN: *978-1-4641-0873-0*

Teacher Edition ISBN: *?*

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.	<i>2</i>		
2. Layout is consistent; chapters/units are arranged logically; and allow access through multiple modalities.	<i>2</i>		
3. Teacher edition contains interesting introductions and a list of prerequisites skills for each chapter.	<i>2</i>		<i>Word of mouth from other AP Stats teachers</i>
4. Material contains examples, explanations, formulas and/or online resources to required depth and breadth of the Nevada Academic Content Standards.	<i>2</i>		
5. Information is accurate, current, and research-based.	<i>2</i>		
6. Vocabulary is specialized (language carefully considered and evolves across grade level).	<i>2</i>		
7. Size and format of print is appropriate.	<i>2</i>		
8. Format is visually appealing and interesting.	<i>2</i>		
9. Material provides Smarter Balanced assessment type questions and/or performance-based tasks.	<i>2</i>		
10. Electronic and interactive format available.	<i>2</i>		<i>Word of mouth from other AP Stats teachers</i>
Other: _____			
<b>Total Organization:</b>	<i>20</i>		

## Mathematics Content

Criteria	2 Meets	1 Inadequate	Comments
11. Materials focus on the knowledge, skills, and abilities (KSA's) appropriate to the grade level.	2		College Board appropriate
12. Material demonstrates coherence of KSA's appropriate to grade level.	2		
13. Material demonstrates complexity to conceptual understanding, procedural skills, fluency, and application (rigor).	2		
14. Material is consistent with the progression of the KSA at each grade level.	2		
15. Real-world applications are given and relevant to the students.	2		
16. Information and directions are clearly written and explained.	2		
17. Tasks are aligned to the domains of the Nevada Academic Content Standards.	2		
18. Lessons/tasks are interdisciplinary when appropriate.	2		Psychology/Science/Sports
19. Non-text content (maps, graphs, pictures, etc.) are accurate, authentic, and well integrated into the instructional material.	2		
20. Tasks apply to the diversity of students and their abilities, interests, and learning styles.	2		
21. Questions and tasks encourage the development and application of higher-level thinking skills.	2		
22. Teacher edition includes questioning strategies and/or questions to check for understanding at all Depth of Knowledge (DOK) levels.	2		Word of mouth via Other AP Stats Teachers
23. Teacher edition includes formative assessment/evaluation tools and processes.	2		Same ↑
24. Material and tasks focus on the eight Mathematical Practices.	2		
25. Material provides access to or demonstrates concepts in multiple ways, allowing for a variety of student responses.	2		
26. Tasks have a purpose, aligned to a skill or concept at grade level.	2		
27. Material includes understanding and application of skills and concepts at grade level.	2		
28. Material provides strategic use of mathematical tools, including technology.	2		
29. The material is focused on the major ideas/skills at that grade level.	2		
30. Content includes 21 <sup>st</sup> Century skill development such as collaboration, creative thinking, and problem solving.	2		
Other: _____			
<b>Total Mathematics Content Criteria:</b>	40		

### Inclusion

Criteria	2 Meets	1 Inadequate	Comments
31. Material reflects a variety of ways to differentiate instruction and model content to support all learners.	2		
32. Material reflects sensitivity with regard to gender, race/ethnicity, religion, socio-economic status, intellectual, and physical abilities.	2		
33. Material includes access to a multilingual glossary.	2		
34. Material provides resources for students with disabilities and English Language Learners aligned to grade level content.	2		
35. Material is available for students with visual impairments via a NIMAS file on the NIMAC system.	2		
Other:			
<b>Total Inclusion Criteria:</b>	<b>10</b>		

### Alignment

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

Total Score for Mathematics Textbook or Instructional Material: 76