

Textbook and Instructional Material Evaluation Rubric Form- Noncore Subjects

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: *Principles of Engineering* Author(s): *PLTW* Publisher(s): *Project Lead The Way*

Copyright Date: *2018*

Subject/Grade Level:

Student ISBN: *N/A*

Teacher Edition ISBN: *N/A*

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>		
4. Material contains examples, explanations, and/or online resources to the depth and breadth of the Nevada Academic Content Standards and Literacy 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 levels).	<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 assessment type questions and/or performance-based tasks.	<i>2</i>		
10. Electronic and interactive format available.	<i>2</i>		
Other:			
Total Organization:	<i>20</i>		

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.	2		
15. Lessons/tasks are interdisciplinary when appropriate.	2		
16. Non-text content (maps, graphs, pictures, etc.) are accurate, authentic, and well integrated into the instructional material.		1	Sometimes outside the content scaffolding is necessary
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		
19. Teacher edition includes questioning strategies and/or questions to check for understanding at all Depth of Knowledge (DOK) levels.	2		
20. Teacher edition includes formative assessment/evaluation tools processes.		1	
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		Some curriculum support in Math is required
24. The material is focused on the major ideas at that grade level.	2		
25. Content includes 21 st Century skill development such as collaboration, creative thinking, and problem solving.	2		
Other: _____			
Total Content Criteria:	28		

Inclusion

Criteria	2 Meets	1 Inadequate	Comments
26. Material reflects a variety of ways to differentiate instruction and model content to support all learners.	2		
27. Material reflects sensitivity with regard to gender, race/ethnicity, religion, socio-economic status, intellectual, and physical abilities.	2		
28. Material includes access to a multilingual glossary.		1	PLTW Tech Support verified
29. Material provides resources for students with disabilities and English Language Learners aligned to grade level content.		1	None are embedded in the curriculum
30. Material is available for students with visual impairments via a NIMAS file on the NIMAC system.		1	PLTW Tech support verified
Other:			
Total Inclusion Criteria:	4		

Alignment

Criteria	2 Meets	1 Inadequate	Comments
31. Material content aligns to district/organization curriculum.	2		
32. Material content aligns with college and career readiness skills (Nevada Academic Content Standards and Literacy Standards).	2		
33. 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:			
Total Alignment Criteria:	6		

Total Score for Noncore Textbook or Instructional Material: 61.