2011 Science, Phys Ed and Health Ed Summer Review Institute
Teachers' Textbook Appraisal

Local school boards may also want to consider other criteria to meet the needs of their student population.
All teachers that reviewed this material are highly qualified in their specific field in education.

Textbook Title: New Mexico Miller & Levine Biology
Publisher: Pearson Education
Grade Level: 9 - 12
ISBN No. Teacher Edition: 9780133181364
ISBN No. Student Edition: 9780133614701

## TEXTBOOK ORGANIZATION

- Many additional resources to teach concepts on each page
- Multiple activities for each section that are varied in time and difficulty
- Many diagrams, pictures and graphs to enhance learning
- Each chapter broken up into sections and sections broken up into themes creating great organization and visual appearance
- NM standards correlated to chapters, appendix, lab manual and on-line resources
- Specific NM standards section
- Student assessments within chapters and at the end of chapters
- Teacher edition gives activities to connect chapters to the "Big Idea"
- Writing opportunities within the sections (journaling)
- Teachers edition includes connections to other subject areas

## STUDENT ASSESSMENT SUPPORT

- NMSBA Test practice section includes MC and open response. Allows for self assessment and self-re-teaching by providing sections to review for each question.
- Open ended learning and assessments provided
- Quick Labs with assessments
- Each section had assessments
- Key questions for reading
- End of chapter questions scaffold
- Teacher edition included answers
- Comprehensive rubric included for assignments throughout text

## ADDITIONAL CRITERIA

- Student edition includes NM standards
- Many current event examples
- Graphs, figures and pictures reinforce text
- Topics divided up appropriately into segments to allow concept understanding
- "Solve the Chapter Mysteries" give real life examples
- "Focus on New Mexico" are great resources to cover the science in society standards
- Book is clear and concise with multiple examples that relate to everyday life

## TEACHER COMMENTS

(ML: Career Enrichment Center, 10-12)
- Good organization, setup, diversity of graphics (e.g. pictures, graph, charts)
- Great scaffolding
- Overall layout is appealing
- Many activities that reinforce concepts on each page, not all lumped at the end of the chapter
- Reading level appropriate for upper level high school students

(KA: Gallup High School, 10-12)
- Good introduction to reading more complex graphs

(CR: Career Enrichment Center, 9-12)
- Frequent activities interspersed among reading section
- "Solve the Chapter Mystery" is a nice feature to apply the chapter ideas using current or past research
- Actual photographs were used throughout the text rather than just hand artwork or computer graphics