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: Miller & Levine Biology Foundation Edition
Publisher: Pearson Education
Grade Level: 9 - 12
ISBN No. Teacher Edition: 9780133614701
ISBN No. Student Edition: 9780133690101

## TEXTBOOK ORGANIZATION

- Key questions provided in each section
- Vocabulary is broken out and highlighted in text
- Online activities are referred to in TE, also "Study Online" sections in the student text
- National Science standard alignment provided
- 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

## STUDENT ASSESSMENT SUPPORT

- Many points that check student understanding of text (after each section, within activities, end of chapters)
- "Speed Bumps" are quick checks for student understanding provided in the TE
- Standardized test prep formatted in multiple choice and open ended formats appropriate for NMSBA practice
- Step by step test taking tips built into the check your understanding sections
- Key questions provide the answers for developing learners
- End of chapter questions scaffold
- Teacher edition included answers
- Comprehensive rubric included for assignments throughout text

## ADDITIONAL CRITERIA

- 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
- Many quick hands-on activities within the chapters
- Writing responses suggest specific vocabulary words from the text to be included
- Active reading suggestions in TE for sections
- Pre-reading suggestions in TE for sections
- "Build Understanding" and "Build Vocabulary" activities allows for focused learning

## 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)
- "Chapter Mystery" helps hold students attention and involvement throughout the chapter

(CR: Career Enrichment Center, 9-12)
- Extensive reading support in both SE and TE without watering down or simplifying topics
- Very hands-on and activity oriented