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 Glenco Biology
Publisher: School Education Group, McGraw-Hill
Grade Level: 9 - 12
ISBN No. Teacher Edition: 9780076621514
ISBN No. Student Edition:

## TEXTBOOK ORGANIZATION

- In-Book labs often include student design opportunities
- Includes labs and mini-labs within the chapters
- "In the Field" looks at scientists in the field throughout the world doing science
- New Mexico Science Standards correlated by chapter and page number
- Pacing guides available for multiple course levels
- Has chapter organizer at the beginning of each chapter that includes: essential questions, material and planning section resources, strategies and suggested time for each lesson
- Page design easy to read with many graphic representations
- Each chapter begins with vocabulary, NM standards, skills, critical thinking skills learned

## STUDENT ASSESSMENT SUPPORT

- Standardized practice (multiple choice, open ended response) has where to look within the chapter if the student has difficulty answering the question
- SBA self-check provides NM specific standards questions
- A variety of questions types are provided in the chapter review including multiple choice, writing responses, real publication extract analysis
- Test generator available online as well as support for students and parents
- Scaffolded section assessment within chapters
- Variety of scaffolded end of chapter assessments

## ADDITIONAL CRITERIA

- Cooperative learning suggestions provided in TE
- A "Classroom Solutions" section provides ideas to support teaching with a variety of suggestions
- Variety of exercises to reinforce content

## TEACHER COMMENTS

(ML: Career Enrichment Center, 10-12)
- New Mexico standards are clear and concise within each chapter
- Concepts are reinforced by current events
- Rich pictures and graphics are relevant
- Frequently checks for student understanding
- Rich comprehensive labs support and scaffold chapter content

(KA: Gallup High School, 10-12)
- "Foldables" provide a great way to organize data that will be provided within the chapters
- Questions incorporated within the figures are great ways to get students to read captions
- Each section provides review vocabulary as well as new vocabulary
- Lab preparation section has step by step directions on how to prepare solutions

(CR: Career Enrichment Center, 9-12)
- Labs have a nice analysis and conclusion section that always include reflection, modification and error analysis
- Open ended questions are plentiful throughout the text
- Many opportunities for students to design their own lab procedures
- Many hand drawing/artwork rather than actual photos within the text