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: Chemistry
Publisher: Prentice Hall/Pearson
Grade Level: 9-12
ISBN No. Teacher Edition:9780132525824
ISBN No. Student Edition:

## TEXTBOOK ORGANIZATION

- Book is very well organized – sequentially and conceptually flowed well.
- Each chapter builds on previous learned material, emphasized reteaching and builds on student learning.
- Many resources to facilitate organization, planning, teaching and reinforcement.
- Lab safety stressed throughout sections.
- Lab materials list located in teacher pages.
- Text includes table of contents of online materials.
- Vocabulary listed at the beginning of sections, and boldfaced/highlighted throughout the text.
- Reading strategies provided for teachers in sidebars.
- Elements handbook has useful information.

## STUDENT ASSESSMENT SUPPORT

- Complete and contains variety of assessment tools; progressive for Bloom's Taxonomy levels and definite high order skill assessment.
- Many opportunities for review and assessment as concepts build.
- Extensive and beneficial appendicies including one containing sample problems.
- Many and varied assessments are provided in lesson checks, chapter assessments and standardized test prep.
- Standardized Test Prep has lists of lessons to refer to for help with particular questions.
- Exam View CD-ROM is available.

## ADDITIONAL CRITERIA

- Many forms of differentiated instruction and ELL strategies.
- Strong multicultural/gender examples provided.
- Labs, Demo Labs, Chapter Labs excellent and content specific.
- Integrates chemistry and technology with online teacher and student support.
- Chapter planning pages helpful for "at-a-glance" planning.
- Interesting grahics.

## TEACHER COMMENTS

- Very concise. EP
- Very well organized; teacher friendly. EP
- Encourages high level progression. EP
- Needs N.M. Standards and Benchmarks. EP
- Offer great scaffolding. EP
- A "complete" Periodic Table was not located, although Appendix B contains useful information about each element. LG
- Readability level appropriate with Lexile Score of 1020. LG
- Teachers are provided with instructional strategies to reach many different types of learners. LG
- Interpreting Graphs and Interpret Data sidebars are nice. JM