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: Physics Principles and Problems
Publisher: McGraw Hill
Grade Level: 9-12
ISBN No. Teacher Edition: 9780076592524
ISBN No. Student Edition:

## TEXTBOOK ORGANIZATION

- Traditional concepts and sequence
- It's a clear and organized text.
- It has a "teacher's essentials" separate book
- Provides an emphasis on reading support
- TE has bellringer and differentiated instructional materials

## STUDENT ASSESSMENT SUPPORT

- Review questions strategically placed within the chapter
- Chapters start with essential questions and vocabulary
- Activities for all levels of students (below, above and on-level)
- Standard text practice includes sections to review based items student missed

## ADDITIONAL CRITERIA

- Extensive online activities
- Good graphics
- Problem solving strategies are included in the chapter
- Addresses various learning styles (multiple intelligences)
- Content rich
- Labs are not included in the body of the textbook

## TEACHER COMMENTS

Textbook includes a good summary of the concepts "main ideas". At the end of the chapter the problems encourage thinking, including ranking task problems. (JW)

Detailed, but not overwhelming. Well illustrated, and writing and critical thinking skill addressed (JR)

Labs and physics on TV require online access. The book encourages higher level learning skills.s (RP)