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
Publisher: Holt
Grade Level: 9-12
ISBN No. Teacher Edition: 9780030368172
ISBN No. Student Edition:

## TEXTBOOK ORGANIZATION

- The chapters are in traditional sequence with traditional topics
- Thematic organization with resources and supplements
- Practice problems and section review problems
- Alternative assessments and laboratory exercises are included in the text.

## STUDENT ASSESSMENT SUPPORT

- The chapter review includes problems by section (theme) and mixed review as well.
- Laboratory exercises include error analysis and method analysis
- Step-by-step problem solving
- Standardized test prep provides evaluation in a non-text driven format
- Ch. Review has several levels of evaluating student understanding.

## ADDITIONAL CRITERIA

- Nice graphics that are easy to understand
- Culturally unbiased and addresses visual and kinesthetic learners
- Good opportunities for extention especially for higher level students.

## TEACHER COMMENTS

There are many opportunities for higher-level thinking. Textbook may give students an impression that physics has a myriad of equations rather than a few equations that can be modified, manipulated, re-written for the situation. (JW)

Extensive opportunities both in the lab and online. (JR)

Book was well written and had good flow. Application and analysis were separated in different locations requiring the teacher to be well versed in textbook design. It's an upper-level text more appropriate for advanced students (RP).