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: Science Fusion
Publisher: Houghton Mifflin Harcourt
Grade Level: 4th Grade
ISBN No. Teacher Edition: 9780547593234(wrap around for student edition)
ISBN No. Student Edition:

## TEXTBOOK ORGANIZATION

- There is 1 teacher's edition book with 11 books, 1 per topic
- The teacher's edition contains a planning guide, scope and sequence, vocabulary, big ideas, and skills to be taught in the introduction for each individual unit.
- The units are consistent and flow together nicely.

## STUDENT ASSESSMENT SUPPORT

- The assessments met various modalities and all cognitive levels including higher thinking skills.
- The different styles of assessment include:
  - Fill in the blank
  - Multiple choice
  - Short answer
  - Verbal
  - Project based
- There is continuous assessment throughout the unit with a culmination assessment at the end.

## ADDITIONAL CRITERIA

- Each unit in the program allow for: differentiation instruction, lessons for English Language Learners, opportunities to review, and cooperative learning.
- Each unit also integrates the other core content areas: reading, mathematics, writing, social studies, art and drama.
- A KWL chart or some type of pre-assessment is needed.
- Higher thinking activities need to be addressed in the classroom not at home.
- The book is teacher and student friendly with multiple opportunities to learn and be successful.

## TEACHER COMMENTS

- The book is teacher and student friendly with multiple opportunities to learn and be successful. Good integration of hands-on and written activities.

  KO, MacArthur Elementary, Instructional Coach
- The program has a nice balance between whole group, small group, and independent practice. Teacher instructional strategies are incorporated throughout the text.

  JL, Pajarito Elementary, Principal
- The graphic and font was student/teacher friendly. Organized to be teacher friendly.

  NR, Mescalero Middle School, Teacher