NMPED Science Curriculum Review of Evidence

Curriculum Name: Prentice Hall Conceptual Physics

Publisher: Pearson Education, publishing as Prentice Hall
Number of Studies Submitted: 1
Number of Studies Reviewed: 1
Grade(s) of Studies Reviewed: Not applicable

Average Rubric Ratings:

Criteria	Average Rating Across All Studies
Experimental Design	0
Sample	0
Methodology	0
Measures	0
Studies	0
Reporting Results	0
Investigators	0
Total Score	0
Average Subscale Score	0

Narrative:
Prentice Hall submitted a report summarizing the key concepts of the foundational research used to develop *Conceptual Physics*. Within the paper there is reference to what future studies will provide to support the efficacy of science programs in classrooms from the publisher's point of view. The publisher prepared this report without peer review.

The paper discusses in a condensed and simplistic nature the research and its application to the *Conceptual Physics* program in the areas of inquiry, assessment, reading comprehension, problem solving, and differentiation. *Conceptual Physics* makes physics accessible through exploration with meaningful examples and hands-on activities; conceptual development with narratives, visuals, and multimedia presentations; and application to reinforce and apply key concepts in laboratory work, problem solving, and critical thinking. Students develop inquiry skills and master content through the design of text that provides instructional support for comprehension. Mathematics is integrated to allow students the ability to practice problem solving skills and learn physics concepts.

Overall Quantity and Quality of Evidence:
The only report submitted for review provides no evidence for the effectiveness of the science program. There is no formal research study provided to determine the instructional or achievement efficacy of the program. Based on this submission, there is no evidence of program efficacy of *Prentice Hall Conceptual Physics* program.

References of Submitted Studies:
The publisher submitted a document on *Conceptual Physics* Research Overview directly to NMPED with no further information to download any foundational research reports.