Presenting...

Science Curriculum Topic Study

Bridging the Gap Between Three-Dimensional Standards, Research, and Practice

SECOND EDITION

Page Keeley, Joyce Tugel

Today's science standards reflect a new vision of teaching and learning

The latest edition of this best-seller, newly mapped to the Framework for K-12 Science Education and the Next Generation Science Standards (NGSS), and updated with new standards and research-based resources, will help science educators make the shifts needed to reflect current practices in curriculum, instruction, and assessment. The methodical study process described in this book will help readers intertwine content, practices, and crosscutting concepts. The book includes:

- An increased emphasis on STEM, including topics in science, technology, and engineering
- 103 separate curriculum topic study guides, arranged in six categories
- Connections to content knowledge, curricular and instructional implications, concepts and specific ideas, research on student learning, K-12 articulation, and assessment

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