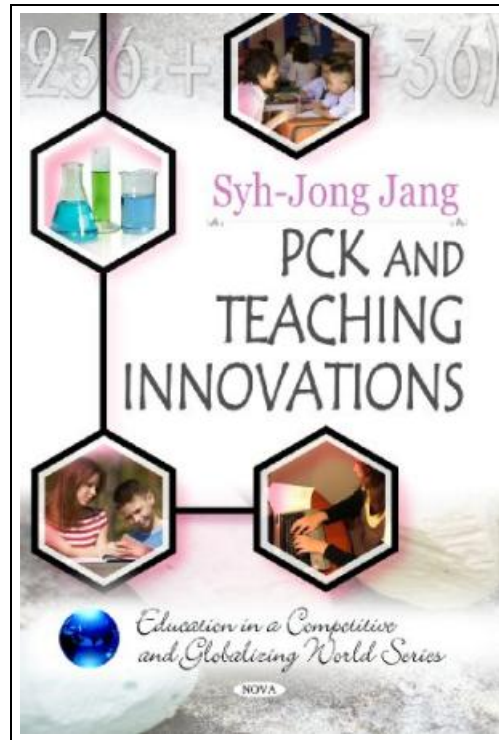


PCK and Teaching Innovations



Filesize: 8.52 MB

Reviews

This book might be worth a study, and superior to other. It can be written in easy words and phrases and never confusing. I am just happy to inform you that here is the greatest ebook I have got read within my personal daily life and may be the best pdf for actually.
(Mrs. Avis Little DDS)

PCK AND TEACHING INNOVATIONS



Nova Science Publishers Inc. Hardback. Book Condition: new. BRAND NEW, PCK and Teaching Innovations, Syh-Jong Jang, Several series studies related to school science teachers' PCK. Chapter one first describes the social constructive framework related to the research model. Then it addresses the related literature concerning PCK of pre-service and in-service science teachers, as well as the merits of models. Finally, a research-based model for PCK is presented. The process of PCK development involves the PCK-COPR module (Comprehension, Observation, Practice and Reflection). Then, chapter two demonstrated a group of pre-service teachers (n=23) to participate a technology-based PCK-COPR model designed to restructure science teacher education courses. There were significant differences in "pedagogical knowledge", "technology knowledge" and "overall PCK" ($F = 4.123, p < 0.05$, $F = 9.260, p < 0.01$, and $F = 6.372, p < 0.05$, respectively.), but no significant differences in the other aspects. The innovative teaching experience could help pre-service teachers develop multiple teaching methods and strategies, and further enhanced their PCK. Chapter three was to examine the eighth-grade students' perceptions of science teachers' PCK difference between beginning teachers and experienced teachers, and the effects of applying the PCK-COPR model in the concepts of "electric circuits". The research methods of students' perceptions and teachers' reflection could increase the learning and research experience of both in-service science teachers and the instructors and also serve as useful reference for other in-service teacher education institutes. Chapter four aimed to explore the impact of integrating a peer-coaching model into team teaching on PCK development of team teachers of secondary integrated science from a social constructivist approach. The research design included two-semester peer coaching and one-semester team teaching. Two simultaneous interventions should be conducive to science teachers' creative thinking and collaborative relationship. Chapter five evaluated a three-stage collaborative concept-mapping technique in the fourth-grade science classes. The...



[Read PCK and Teaching Innovations Online](#)

[Download PDF PCK and Teaching Innovations](#)

You May Also Like



Creative Thinking and Arts-Based Learning : Preschool Through Fourth Grade

Book Condition: Brand New. Book Condition: Brand New.

[Read PDF »](#)



Studyguide for Creative Thinking and Arts-Based Learning : Preschool Through Fourth Grade by Joan Packer Isenberg ISBN: 9780131188310

2011. Softcover. Book Condition: New. 4th. 8.25 x 11 in. Never HIGHLIGHT a Book Again! Includes all testable terms, concepts, persons, places, and events. Cram101 Just the FACTS101 studyguides gives all of the outlines, highlights,...

[Read PDF »](#)



TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (2-4 years old) in small classes (3)(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Paperback. Pub Date :2005-09-01 Publisher: Chinese children before making Reading: All books are the...

[Read PDF »](#)



Questioning the Author Comprehension Guide, Grade 4, Story Town

HARCOURT SCHOOL PUBLISHERS. PAPERBACK. Book Condition: New. 0153592419 Brand new soft cover book. Soft cover books may show light shelf wear. Item ships within 24 hours with Free Tracking.

[Read PDF »](#)



Eighth grade - reading The Three Musketeers - 15 minutes to read the original ladder-planned

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Pages Number: 124 Publisher: China Electric Power Press Pub. Date :2010-8-1. Contents: The first...

[Read PDF »](#)