

1. Record Nr.	UNINA9910812390603321
Titolo	Contemporary science teaching approaches [[electronic resource]] : promoting conceptual understanding in science // edited by Funda Ornek, Issa M. Saleh
Pubbl/distr/stampa	Charlotte, NC, : Information Age Pub., c2012
ISBN	1-61735-610-7
Descrizione fisica	1 online resource (228 pages) : illustrations
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Disciplina	507.1273
Soggetti	Science - Study and teaching (Secondary) Inquiry-based learning
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Part I: Strategies in teaching science. Science teaching approaches to promote conceptual understanding in science / Issa M. Saleh and Funda Ornek -- Differentiating science pedagogy / Anila Asghar -- The metacognitive science teacher : a statement for enhanced teacher cognition and pedagogy / Gregory P. Thomas -- Teaching about climate change : an action research approach / John Wilkinson -- Constructivist, analogical, and metacognitive approached to science teaching and learning / Samson M. Nashon and J. Douglas Adler -- Concept mapping and the teaching of science / Sadiyah Baharom -- Physics modeling : an approach stimulates students' conceptual understanding of scientific concepts / Funda Ornek -- Part II: Using computers in teaching science. A framework for the integration of technology into science instruction / Yilmaz Saglam and Servet Demir -- Real-time experiments and images (RTEI) as open learning environments for building physics knowledge / Giorgio Olimpo and Elena Sassi -- Enhancing asynchronous learning in a blended learning environment / Mun Fie Tsoi.