

1. Record Nr.	UNINA9911011303903321
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Titolo	Deeper Learning, Dialogic Learning, and Critical Thinking : Research-Based Strategies for the Classroom
Pubbl/distr/stampa	Milton, : Routledge, 2019
ISBN	1-000-61744-0 0-429-32305-0
Edizione	[1st ed.]
Descrizione fisica	1 online resource (387 pages)
Altri autori (Persone)	ManaloEmmanuel
Disciplina	370.152 370.1523
Soggetti	Critical thinking - Study and teaching
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record. 19. Collective reasoning in elementary engineering education Index
Nota di contenuto	Cover; Endorsements; Half Title; Title Page; Copyright Page; Dedication; Contents; Acknowledgements; List of contributors; Introduction: Establishing a case for sharing research-based instructional strategies; Part 1: Structuring dialogue; 1. The Playground of Ideas: Developing a structured approach to the Community of Inquiry for young children; 2. The Thinking Together approach to dialogic teaching; 3. Compare and Discuss to promote deeper learning; Part 2: Facilitating meaning construction; 4. Refining student thinking through scientific theory building 5. Extending students' communicative repertoires: A culture of inquiry perspective for reflexive learning 6. Transforming classroom discourse as a resource for learning: Adapting interactional ethnography for teaching and learning; Part 3: Cultivating questioning; 7. Question Based Instruction (QBI) promotes learners' abilities to ask more questions and express opinions during group discussions; 8. Augmented World: A location-based question-generating platform as a means of promoting 21st-century skills; 9. Effective ways to prepare for deeper learning of history Part 4: Promoting engagement and reflection 10. "Laughter is the best medicine": Pedagogies of humor and joy that support critical thinking and communicative competence; 11. Improving college students'

critical thinking through the use of a story tool for self-regulated learning training; 12. Debugging as a context for fostering reflection on critical thinking and emotion; Part 5: Training specific competencies; 13. Showing what it looks like: Teaching students to use diagrams in problem solving, communication, and thinking 14. Class design for developing presentation skills for graduate research students 15. Online written argumentation: Internal dialogic features and classroom instruction; 16. Cultivating pre-service and in-service teachers' abilities to deepen understanding and promote learning strategy use in pupils; Part 6: Program/course teaching; 17. Cultivation of a critical thinking disposition and inquiry skills among high school students; 18. Using task-based language teaching in the second language classroom: Developing global communication competencies

Sommario/riassunto

Deeper learning, dialogic learning, and critical thinking are essential capabilities in the 21st-century environments we now operate. Apart from being important in themselves, they are also crucial in enabling the acquisition of many other 21st-century skills/capabilities such as problem solving, collaborative learning, innovation, information and media literacy, and so on. However, the majority of teachers in schools and instructors in higher education are inadequately prepared for the task of promoting deeper learning, dialogic learning, and critical thinking in their students. This is despite the fact that there are educational researchers who are developing and evaluating strategies for such promotion. The problem is bridging the gap between the educational researchers' work and what gets conveyed to teachers and instructors as evidence-based, usable strategies. This book addresses that gap: in it, leading scholars from around the world describe strategies they have developed for successfully cultivating students' capabilities for deeper learning and transfer of what they learn, dialogic learning and effective communication, and critical thought. They explore connections in the promotion of these capabilities, and they provide, in accessible form, research evidence demonstrating the efficacy of the strategies. They also discuss answers to the questions of how and why the strategies work. A seminal resource, this book creates tangible links between innovative educational research and classroom teaching practices to address the all-important question of how we can realize our ideals for education in the 21st century. It is a must read for pre-service and in-service teachers, teacher educators and professional developers, and educational researchers who truly care that we deliver education that will prepare and serve students for life.
