1. Record Nr. UNINA9910164053803321 Autore **Bazler Judith Titolo** Cases on STEAM education in practice // Judith Bazler, Monmouth University, USA, Meta Van Sickle, College of Charleston [editors] Hershey, Pennsylvania: .: Information Science Reference, . [2017] Pubbl/distr/stampa 2017 **ISBN** 9781522523352 9781522523345 Descrizione fisica 1 online resource (xxx, 375 pages): illustrations (some color) Collana Advances in Educational Technologies and Instructional Design (AETID) Book Series, , 2326-8913 Disciplina 507.1 Science - Study and teaching - Methodology Soggetti Interdisciplinary approach in education Science and the arts Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di bibliografia Includes bibliographical references and index. Nota di contenuto Musing on unanswered questions / Meta Van Sickle, Merrie Koester --Graphic novels and STEAM: strategies and texts for utilization in STEAM education / Alex Romagnoli -- High-quality trade books and content areas: planning accordingly for rich instruction / Carolyn A. Groff --

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Sommario/riassunto

"Curriculums for STEM education programs have been successfully implemented into numerous school systems for many years. Recently, the integration of arts education into such programs has proven to be significantly beneficial to students, resulting in a new method of teaching including science, technology, engineering, art, and mathematics. [This book] is an essential research publication for the latest scholarly information on curriculum development, instructional design, and educational benefits of STEAM learning initiatives. Featuring coverage on a range of topics including fine arts, differentiated instruction, and student engagement, this book is ideally designed for academicians, researchers, and professionals seeking current research on the implementation of STEAM education"-- Provided by publisher.