1. Record Nr. UNINA9910796821903321

Autore	McCallum Peter
Titolo	The centenary of the Con : a history of the Sydney Conservatorium of Music 1915-2015 / / Peter McCallum ; consulting editor, Julie Simonds
Pubbl/distr/stampa	Crows Nest, NSW : , : Allen & Unwin, , 2015
ISBN	1-925267-34-2
Descrizione fisica	1 online resource (273 pages)
Disciplina	780.23
Soggetti	Conservatories of music - Australia - Sydney (N.S.W.) - History
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNINA9910794587803321

Autore	Vasquez Jo Anne <1943->
Titolo	Integrating STEM teaching and learning into the K-2 classroom / / Jo Anne Vasquez, Michael Comer, Jen Gutierrez
Pubbl/distr/stampa	Arlington, Virginia : , : NSTA Press, , [2020] 2020
ISBN	1-68140-621-7
Descrizione fisica	1 online resource (xvii, 116 pages) : illustrations
Collana	Gale eBooks
Disciplina	372.35044
Soggetti	Science - Study and teaching (Elementary) - United States Technology - Study and teaching (Elementary) - United States Engineering - Study and teaching (Elementary) - United States Mathematics - Study and teaching (Elementary) - United States
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.

Nota di contenuto	Creating a blueprint for building your K-2 STEM house -- Pioneering into STEM integration -- Unpacking the integrated STEM classroom -- Tackling the core instructional time -- Using the W.H.E.R.E. model template -- Developing a STEM unit with math as the driver--straw bridges -- Developing a STEM unit with engineering as the driver--baby bear's chair -- Developing a STEM unit with science as the driver--a pond habitat -- Moving students from inquiry to application--shade structure -- Transforming to a successful STEM school.
Sommario/riassunto	"It's time to ramp up science, technology, engineering, and mathematics (STEM) in the K-2 classroom. Benefits of early learning in science and math include the following: (a) It leads to social-emotional development and fewer challenging behaviors; (b) it supports the development of a mind-set that includes curiosity, communication, persistence, and problem solving; (c) it contributes to gains in other subjects by supporting literacy and language development and better reading comprehension and writing skills; and (d) it includes subjects that can engage students from varying backgrounds, including English language learners. But delivering quality early STEM information requires expertise on the part of the teacher in scaffolding the lessons. Research shows that quality STEM teaching and learning is critical in early childhood education; however, it is also points out that the teachers themselves need support as they learn how to facilitate STEM learning in their classrooms. Professional learning experiences are needed to cover how teachers can make connections between STEM topics and the everyday activities they are already doing with their students. STEM teaching and learning does not need to become one more add-on to the K-2 classroom. STEM learning should be a natural extension to what teachers are already teaching. It was with this in mind that we set out to write this book. We wanted to focus on how to naturally integrate STEM learning into K-2 classroom experiences"--