

1. Record Nr.	UNINA9910809896303321
Autore	Morgan Emily R (Emily Rachel), <1973->
Titolo	Picture-perfect STEM lessons, K-2 : using children's books to inspire STEM learning // by Emily Morgan and Karen Ansberry
Pubbl/distr/stampa	Arlington, Virginia : , : National Science Teachers Association, , [2017] 2017
ISBN	1-68140-329-3
Descrizione fisica	1 online resource (xvii, 332 pages) : illustrations, maps
Collana	Gale eBooks
Disciplina	372.35/044
Soggetti	Science - Study and teaching (Primary) Picture books for children - Educational aspects
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	1. Why use picture books to teach STEM? -- 2. Reading aloud -- 3. BSCS 5E instructional model -- 4. Connecting to the standards -- 5. Science and engineering practices -- 6. The handiest things -- 7. Build it! -- 8. Robots everywhere -- 9. Feel the heat -- 10. Move it! -- 11. Let's drum! -- 12. Get the message -- 13. Science mysteries -- 14. Crayons -- 15. Design a habitat -- 16. Plant a tree -- 17. Pillbots -- 18. Flights of the pollinators -- 19. A birthday is no ordinary day -- 20. Our blue planet.
Sommario/riassunto	This book's lessons for grades K-2 convey how science, technology, engineering, and mathematics intersect in the real world, using picture books to teach STEM concepts and reading comprehension. Leads students to ask questions, define problems, obtain, evaluate, and communicate information, and formulate arguments. Provides additional student resources, assessments, and connections to science standards and Common Core State Standards for English and mathematics.