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| 1. Record Nr. | UNINA9910787786903321 |
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| Titolo | The case for STEM education : challenges and opportunities // Rodger W. Bybee |
| Pubbl/distr/stampa | Arlington, Virginia : , : NSTA Press, National Science Teachers Association, , [2013] 2013 |
| ISBN | 1-938946-92-8 |
| Descrizione fisica | 1 online resource (xii, 116 pages) : illustrations |
| Collana | Gale eBooks |
| Disciplina | 507.1 |
| Soggetti | Science and state Technology and state Science - Study and teaching - Government policy Technology - Study and teaching - Government policy |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Bibliographic Level Mode of Issuance: Monograph |
| Nota di bibliografia | Includes bibliographical references (pages [103]-109) and index. |
| Nota di contenuto | What are the challenges for STEM education? -- What can we learn from the original Sputnik moment? -- Is STEM education a response to this generation's Sputnik moment? -- How is STEM education different from other education reforms? -- STEM seems to be the answer-what was the question? -- If STEM is an opportunity, what is the federal government's role? -- How can a state, district, or school develop a coherent strategy for STEM education? -- What is your perspective of STEM education? -- STEM education : where are you now, and where do you want to go? -- What is your action plan for STEM education? |
| Sommario/riassunto | The book starts by putting STEM in context. The early chapters outline the challenges facing STEM education, draw lessons from the Sputnik moment of the 1950s and 1960s, and contrast contemporary STEM with other education reforms. The author then explores appropriate roles for the federal government as well as states, districts, and individual schools. Finally, the book offers several ideas you can use to develop actual action plans for STEM. |