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Titolo	The NSTA reader's guide to a framework for K-12 science education : practices, crosscutting concepts, and core ideas / / by Harold Pratt ; with contributions from Rodger W. Bybee [and others]
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Descrizione fisica	1 online resource (xi, 144 pages) : illustrations
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Introduction: A new conceptual framework -- Guiding assumptions and organization of the framework -- Dimension 1: scientific and engineering practices -- Dimension 2: crosscutting concepts -- Dimension 3: disciplinary core ideas: physical sciences -- Dimension 3: disciplinary core ideas: life sciences -- Dimension 3: disciplinary core ideas: earth and space sciences -- Dimension 3: disciplinary core ideas: engineering, technology, and applications of science -- Integrating the three dimensions -- Implementation: curriculum, instruction, teacher development, and assessment -- Equity and diversity in science and engineering education -- Guidance for standards developers -- Looking toward the future: research and development to inform K-12 science education standards.
Sommario/riassunto	The handy Reader's Guide unpacks the three key dimensions of the Framework--scientific and engineering practices, crosscutting concepts, and core ideas in each specific discipline--allowing teachers, administrators, curriculum developers, university professors, and others to more easily grasp how the Next Generation Science Standards (NGSS) differ from previous standards. This second edition includes 10 essays by key leaders in science education, each further explaining the Framework.

