

1. Record Nr.	UNINA9910814709003321
Titolo	Professional development [[electronic resource]] : planning and design // Jack Rhoton and Patricia Bowers, editors
Pubbl/distr/stampa	Arlington, VA, : NSTA Press, c2001
ISBN	1-281-75827-2 9786611758271 1-935155-85-7
Edizione	[1st ed.]
Descrizione fisica	1 online resource (197 p.)
Collana	Issues in science education
Altri autori (Persone)	RhotonJack ShanePatricia
Disciplina	507/.1/55
Soggetti	Science teachers - In-service training - United States Science - Study and teaching - United States
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Contents; Foreword; About the Editors; Preface; Acknowledgments; Introduction; National Science Education Standards as a Catalyst for Change: The Essential Role of Professional Development; Professional Development Designed to Change Science Teaching and Learning; If We Want to Talk the Talk, We Must Also Walk the Walk: The Nature of Science, Professional Development, and Educational Reform; A Continuum of Standards for Science Teachers and Teaching; Alphabet Soup for Science Teachers: Making Sense of Current National Science Education Reform Initiatives Using ENC and ERIC to Plan for Professional DevelopmentPathways to the Science Standards; The Professional Development of Science Teachers for Science Education Reform: A Review of the Research; Science Teacher Professional Development: A Researcher's Perspective1; The Colorado College Integrated Natural Sciences Program (CC-ISTEP): Putting into Practice Some Essential Principles of Teacher Development; It's All About Choices: Science Assessment in Support of Reform; Defining Teacher Quality Through Content: Professional Development Implications from TIMSS The Teacher Speaks: Using Achievement Data to Modify Teaching

Sommario/riassunto

There's got to be more to professional development than in-service workshops. This thoughtful book paves the way to change. It shows the circumstances under which professional development has the most impact on student learning, reviews programs that work, and offers practical ideas about how professional development can sustain science education reform.
