

1. Record Nr.	UNINA9910459078103321
Titolo	Exploring the landscape of scientific literacy / / edited by Cedric Linder. [et al.]
Pubbl/distr/stampa	New York : , : Routledge, , 2011
ISBN	1-136-91174-X 1-136-91175-8 1-282-91277-1 9786612912771 0-203-84328-2
Descrizione fisica	1 online resource (313 p.)
Collana	Teaching and learning in science series
Altri autori (Persone)	LinderCedric J. <1954->
Disciplina	507.1
Soggetti	Science - Study and teaching - Research Research Electronic books.
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 and index.
Nota di contenuto	Book Cover; Title; Copyright; Contents; Preface; Acknowledgments; 1 Overview: Scientific Literacy and the State of the Art in School Science Education; Part I: Curriculum Policy and Scientific Literacy; 2 Competing Visions of Scientific Literacy: The Influence of a Science Curriculum Policy Image; 3 Scientific Literacy for a Knowledge Society; 4 Scientific Literacy: Content and Curriculum Making; Part II: Exploring Language Perspectives; 5 Scientific Literacy, Discourse, and Epistemic Practices; 6 Scientific Literacy and Students' Movability in Science Texts 7 Literacy as Metaphor and Perspective in Science Education8 Bilingual Scientific Literacy; Part III: Exploring Themes of Scientific Literacy; 9 The Development of Scientific Literacy: A Function of the Interactions and Distinctions Among Subject Matter, Nature of Science, Scientific Inquiry, and Knowledge About Scientific Inquiry; 10 Scientific Literacy as Action: Consequences for Content Progression; 11 What Do Values and Norms Have to Do with Scientific Literacy?; 12 An Inclusive View of Scientific Literacy: Core Issues and Future Directions 13 Scientific Literacy for Bringing in the OutsidersPart IV: Science

Teachers' Professional Development; 14 In the Path of Linnaeus: The Development and Nurturing of Science Educators for a Complex World; 15 The Vietnam Consortium Fellowship Program; 16 Making an Innovation Grow: On the Shared Learning Within and Between Communities; 17 Professional Development of Teachers and Researchers in Collaborative Development of Teaching Resources; 18 "Struggling Up Mount Improbable": A Cautionary (Implementation) Tale of a Vision II Scientific Literacy Curriculum in South Africa
About the Editors and ContributorsIndex

Sommario/riassunto

Scientific literacy is part of national science education curricula worldwide. In this volume, an international group of distinguished scholars offer new ways to look at the key ideas and practices associated with promoting scientific literacy in schools and higher education. The goal is to open up the debate on scientific literacy, particularly around the tension between theoretical and practical issues related to teaching and learning science. Uniquely drawing together and examining a rich, diverse set of approaches and policy and practice exemplars, the book takes a pragmatic and inclusi
