

1. Record Nr.	UNINA9910812272703321
Titolo	Bringing communities together : connecting learners with scientists or technologists // edited by Bev France, Vicki Compton
Pubbl/distr/stampa	Rotterdam, : Sense Publishers, 2012
ISBN	94-6091-791-7
Edizione	[1st ed. 2012.]
Descrizione fisica	1 online resource (236 p.)
Altri autori (Persone)	FranceBev ComptonVicki
Disciplina	370
Soggetti	Science - Study and teaching Technology - Study and teaching
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	Preliminary Material / Bev France and Compton Vicki -- Bringing Communities Together / Bev France and Vicki Compton -- Connections to Support Learning about Science / Derek Hodson -- International Curricula Requirements for Making Connections in Science and Technology Education / Marc J. de Vries -- A Classroom without Walls: Virtual Learning Experiences in Science / Susan Rodrigues -- Working with Technologists on Technology Curriculum Development and Implementation / Vicki Compton , Bev France , Carol Pound and Richard Archer -- The Role of the Royal Society of New Zealand in Making Connections / Richard Meylan and Joanna Leaman -- Expanding the Capacity for Connection / Cathy Bunting and Alister Jones -- The Young Foresight Project / David Barlex -- Futureintech / Angela Christie -- Bright Sparks / Ross Petersen -- Learning about Nature of Science through Listening to Scientists' Stories of Scientific Enquiry / Sui Ling Wong -- Multi-Dimensional Connections: The Liggins Education Network for Science / Jacquie L. Bay , Deborah M. Sloboda , Mark H. Vickers and Helen A. Mora -- Connecting Scientists and Technologists with Students Through Cooperative Education / Chris Eames and Richard K. Coll -- Fostering Opportunities to Talk about Science / Kathrin Otrell-Cass , Alison Campbell and Marcus Wilson -- The Impact of Technologists Working Alongside Students in Technology / Cliff Harwood -- Teachers Making Connections with the Technology

Sommario/riassunto

Over recent years connective partnerships between educational communities and sectors outside of education have become increasingly popular. One significant reason behind this popularity has been the expansion of information and communication technologies which have increased access and provided mechanisms for ongoing connections to be made between differing worlds. But... successful connections that cross cultural boundaries are not easy to establish and even harder to maintain in ways that are mutually beneficial. This book focuses on science and technology connective ventures and the complexity inherent in bringing such worlds together. . The authors have been 'in the business' of developing such connections and this book brings them together to describe how and why making connections can support the science/technology education sector, the technology/science communities, and the wider sociocultural life we all inhabit. A range of illustrative examples of connections-in-action provide an empirical basis from which to explore and gain insight into the issues for and potential of such connective ventures, alongside a rich mix of critical commentary, arguments, cautions and challenges. Five key principles have been distilled from the collective experience and wisdom of the authors, serving to capture that which underpins effective and efficient connective initiatives. Each principle is accompanied by a set of questions that reflect the issues raised and successes illustrated throughout the book. It is hoped these principles and questions will serve to guide people interested in developing, funding and/or participating in future connective initiatives in the fields of science and technology.
