

1. Record Nr.	UNINA9910966561803321
Titolo	Technology Education for Teachers // edited by P. John Williams
Pubbl/distr/stampa	Rotterdam : , : SensePublishers : , : Imprint : SensePublishers, , 2012
ISBN	9789462091610 9462091617
Edizione	[1st ed. 2012.]
Descrizione fisica	1 online resource (266 p.)
Collana	INTERNATIONAL TECHNOLOGY EDUCATION SERIES
Altri autori (Persone)	WilliamsJohn (Phillip John)
Disciplina	370
Soggetti	Education
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	Preliminary Material / P. John Williams -- Introduction / P. John Williams -- Philosophy of Technology / Marc J. de Vries -- Teaching Technology / David Spendlove -- Learning in Technology / Wendy Fox-Turnbull -- Design / Anthony Williams Professor , Rob Cowdroy and Louise Wallis -- Educational Technology and Technology Education / Thomas Loveland -- Understanding Assessment Its Importance; Its Dangers; Its Potential / Richard Kimbell -- Technology and the Community / Gary O'Sullivan -- Curriculum Development / David Barlex -- Considering Some Big Issues and the Role of Technology Education in Transformational Change / Susan V. McLaren -- Author Biographies / P. John Williams.
Sommario/riassunto	This is a textbook for use in technology teacher training and also a reference book for technology teachers. It will provide a foundation for new teachers entering the area of technology, and also the opportunity for practicing teachers to keep up to date with research informed ideas about teaching technology. Technology in the curriculum has continually faced a range of challenges throughout its history in many counties. Often the basis of the challenges is the result of a lack of understanding about good technology practice. It is hoped that this book can encourage excellent practice in technology teaching and so increase the number of schools positively engaged with technology. The chapter authors are internationally respected and experienced educators who have been able to draw on both their teaching

experience and their research in order to discuss a range of aspects of teaching technology. The book has been developed with an international audience in mind. While authors are naturally most familiar with their own country, efforts have been made to generalize from the principles of sound theory and research based practice to maximize applicability to local contexts. John Williams is the Director of the Technology, Environmental, Mathematics and Science Education Research Centre at the University of Waikato in New Zealand. He has worked as a designer and builder, and began his career as a secondary school Manual Arts teacher. He has taught and studied in Australia and the USA, and in a number of African and Indian Ocean countries. He has published and presented widely, and enjoys fishing.
