1. Record Nr. UNINA9910783185603321 Autore Ovens Peter Titolo Reflective Teacher Development in Primary Science [[electronic resource]] Hoboken,: Taylor and Francis, 2013 Pubbl/distr/stampa **ISBN** 1-135-70813-4 1-135-70814-2 1-280-16432-8 0-203-97931-1 Descrizione fisica 1 online resource (241 p.) Disciplina 372.3/5044/0941 372.35044 Soggetti Case studies In-service training Science Science-- Study and teaching (Elementary)-- Great Britain Study and teaching (Elementary) **Teachers** Teaching Theory & Practice of Education Education Social Sciences Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Cover; Title; Copyright; Contents; List of Illustrations; Preface; Nota di contenuto Acknowledgements; 1 Introduction; The Professional Context; The Personal Context; The Conceptual Context; 2 Stories of Teachers' Development; Introduction; Angela; Brenda; Chris; Kay; Lesley; Steve; 3 Individual Characteristics of Development; Looking Closer at Individualities; Extracts from my Observational Notes of the Session; Issues Raised by this Vignette: Improved Scientific Learning and

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Sommario/riassunto

Dominant theories about primary science contend that knowledge is the key. Ovens challenges this view, showing, through case studies, that inquiry and reflection play a significant part in the learning process. This applies to pupils, teachers and teacher educators. Taking curiosity as a pre-condition for good learning, Ovens shows that it is possible to increase the desire to learn more and learn better, to improve confidence in the ability to inquire, to imbue pupils with the courage to seek improvement, to place trust in collaborative processes, to raise awareness of significant detail and