Record Nr. UNINA9910812247003321 Autore Bell Beverley F Titolo Formative assessment and science education / / by Beverley Bell and **Bronwen Cowie** London; ; Dordrecht, : Kluwer Academic, c2002 Pubbl/distr/stampa **ISBN** 1-280-20775-2 9786610207756 0-306-47227-9 Edizione [1st ed.] Descrizione fisica 1 online resource (154 p.) Science & technology education library;; 12 Collana Altri autori (Persone) CowieBronwen Disciplina 507.1093 Soggetti Science - Study and teaching - New Zealand - Evaluation Effective teaching - New Zealand Interaction analysis in 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 (p. [139]-144) and index. Nota di contenuto A Review of the Relevant Literature -- A Case Study of Formative Assessment -- The Characteristics of Formative Assessment -- A Model of Formative Assessment -- Cameos of Formative Assessment -- Learning and Formative Assessment -- Doing Formative Assessment. Formative Assessment and Science Education documents the findings Sommario/riassunto of a research project which investigated the ways in which teachers and students used formative assessment to improve the teaching and learning of science in some New Zealand classrooms. The research documented in this book used the definition of formative assessment as `the process used by teachers and students to recognise and respond to students' learning, in order to enhance that learning, during the learning'. The book contains one detailed case study from the research, as well as cameos of instances of formative assessment. The book also contains two summaries of the research findings - a model developed to describe the process of formative assessment used by the teachers and students involved in the research, and a summary of the

characteristics of formative assessment. The findings are also theorised

with respect to sociocultural and discursive views of learning. This

research will be of interest to graduate students and researchers, as well as teacher educators, curriculum developers, and assessment specialists.