Record Nr. UNINA9910461325803321 Design research on learning and thinking in educational settings: Titolo enhancing intellectual growth and functioning / / edited by David Yun Dai New York, N.Y.:,: Routledge,, 2012 Pubbl/distr/stampa **ISBN** 1-283-46128-5 9786613461285 1-136-95631-X 0-203-84957-4 Descrizione fisica xi, 299 p.: ill Collana The educational psychology series Altri autori (Persone) DaiDavid Yun Disciplina 370.15/2 Soggetti Cognitive learning Learning, Psychology of Critical thinking - Study and teaching Electronic books. Lingua di pubblicazione Inglese Formato Materiale a stampa Livello bibliografico Monografia Nota di bibliografia Includes bibliographical references and indexes. Nota di contenuto pt. 1. Issues, theories, and methods -- pt. 2. Models, tools, and pragmatics. "The key question this book addresses is how to identify and create Sommario/riassunto optimal conditions for the kind of learning and development that is especially important for effectively functioning in the 21st century. Taking a new approach to this long-debated issue, it looks at how a design research-based science of learning (with its practical models and related design research) can provide insights and integrated models of how human beings actually function and grow in the social

dynamics of educational settings with all their affordances and constraints. More specifically: How can specific domains or subject matters be taught for broad intellectual development? How can

technology be integrated in enhancing human functioning? How can the social organization of classroom learning be optimized to create social norms for promoting deep intellectual engagement and personal

growth? Part I is concerned with broad conceptual and technical issues

regarding cultivating intellectual potential, with a focus on how design research might fill in an important a niche in addressing these issues. Part II presents specific design work in terms of design principles, models, and prototypes"-- Provided by publisher.