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    Nota di contenuto   1 Introduction -- Curriculum Content -- 2 Technology education in
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                          primary technology education -- 5 Secondary pupils' perceptions of
                          their experiences of practical work in Technology and Design -- Stories
                          of Technology -- 6 Technology landscapes in Children's Literature -- 7
                          Using narratives for communicating the nature of technology --
                          Planning and Pedagogy -- 8 Teachers' assessment practices -- 9
                          Approaches to planning that encourage creativity -- 10 Enhancing the
                          teaching of problem solving in technology education -- 11 The
                          influence of task difficulty on student engagement, performance and
                          self-efficacy -- Cognition -- 12 Design cognition and student
                          performance -- 13 Design cognition: Strategies for teachers in practice
                          -- Girls and Technology -- 14 Practical approaches to increase girls'
                          interest in technology education -- 15 Where are all the students??
                          Factors that encourage female participants in Technology Education --
                          Information Technology -- 16 Using technology to support discussion
                          in Design and Technology -- 17 The impact of mobile devices on self
                          directed learning and achievement -- 18 Synopsis.

    Sommario/riassunto   This volume brings together significant international research in
                          technology education by focusing on contemporary postgraduate
                          research, elaborating on the findings with the aim of making the

content relevant to researchers, teachers and other potential researchers in the field. The book shares with readers what the research means for classroom teachers through understanding different motivations for teaching technology in schools and observing the model of learning supported by the research. Each chapter in the book includes references to the digital edition of the respective full thesis, allowing readers to consult the research in detail if necessary. This book continues the work done by 2017's Contemporary Research in Technology Education by the same editors.