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Nota di contenuto	1 Introduction -- Curriculum Content -- 2 Technology education in Saudi Arabia in comparison with New Zealand: Lessons for Technology Education Teachers -- 3 The localisation of technology education curriculum in Botswana -- 4 What children are supposed to learn in 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
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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.
