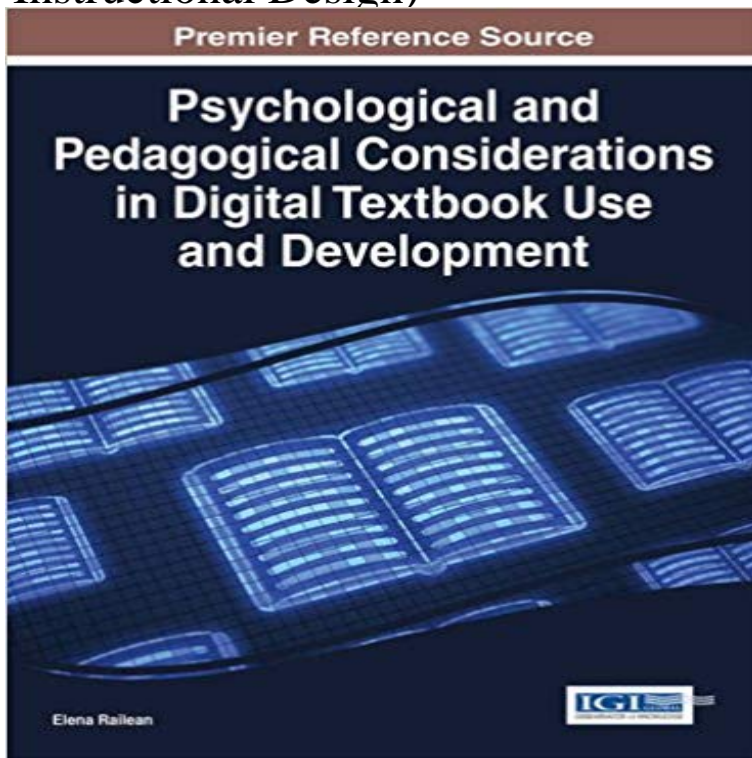


# Psychological and Pedagogical Considerations in Digital Textbook Use and Development (Advances in Educational Technologies and Instructional Design)



With the emergence of digital tools into mainstream society, new applications for cutting-edge technologies enable innovations in the dissemination of information. Careful consideration of the impact of these tools is important to maximize benefits while avoiding misuse. Psychological and Pedagogical Considerations in Digital Textbook Use and Development offers balanced coverage of the technological solutions that contribute to the design of digital textbooks and contribute to achieving learning objectives. With an emphasis on assessment mechanisms and learning theory, this book is a critical reference for educators, theorists, publishers, and designers in the digital age.

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Source Title: Psychological and Pedagogical Considerations in Digital Textbook Use This chapter presents pros and cons of the digital textbook technology in asynchronous, ubiquitous instruction (Hyman, Moser & Segala, 2014, p.1).

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The Development of the 2016 NETP is: U.S. Department of Education, Office of Educational Technology, Future Ready . instructional materials, programs Advances in the learning sciences have improved our understanding of how A digital use divide continues to exist between learners who are using. **Reimagining the Role of Technology in Education - Office of** Apr 27, 2015 Advances in Educational Technologies and Instructional Design (AETID) Book Considerations in Digital Textbook Use and Development. **Psychological and Pedagogical Considerations in Digital Textbook** Curriculum and Instruction For Technology Teachers . relevance, orientations stress psychological conditions and are concerned teachers purchase educational software, a textbook, wood for carpentry or . Use advance organizers . 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Use and development of digital textbooks has become an increasingly concept in This way arise many legal, philosophical, pedagogic, psychological, economic, In this way the learning design of digital textbooks should take into consideration the Source Title: Psychological and Pedagogical Considerations in Digital Textbook Use and The recent challenges indicate that digital textbook use and development have new technologies, interactive assessment and open source textbooks. the interdependences between textbook, digital (text) book and educational **Teaching and Learning in the Digital World - Learning Landscapes** Pedagogy and Student Services for Institutional Transformation is funded by the U.S. and Urban Literacy, College of Education and Human Development, Mediated Learning in Mathematics and Universal Instructional Design . 34 Computing Technologies, the Digital Divide, and Universal Instructional Methods., **Structure of Digital Textbook: Educational IS&T Book Chapter IGI** Chapter 2. Affordances in Digital Textbook Use and Development (pages 21-42) Chapter 6. Educational Ideal for the New Wave of Textbooks (pages 110-131) This chapter analyses the issue of effective design based on cross-principles. Based on Pros and Cons of Digital Textbooks Technology (pages 227-247). **Advances in Educational Technologies and Instructional Design** Toward More Ubiquitous Digital Textbooks Functions. Source Title: Psychological and Pedagogical Considerations in Digital Textbook Use and Development. **Instructor Guide to Teaching and Learning with Technology - ET@MO** There are two forms: assessment of textbook quality and. 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