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Education : Educational Technology

Cerratto Pargman, Teresa, Jahnke, Isa (Eds.)

Emergent Practices and Material Conditions in Learning and Teaching with Technologies

- Elaborates on emergent educational practices bound to digital technologies in everyday teaching and learning
- Presents case studies submitted from scholars in the CSCL field
- Brings together innovative and critical research work from around the world

This book explores the complexities of interacting with digital technologies in the everyday flow of practices in schools, museums, and the home. In particular, the authors pay attention to the material conditions of such practices via the exploration of media discourses on information and communication technologies in the classroom; the ongoing digitization of the school; the use of video chat for language learning; the instantiation of CrossActionSpaces in an urban science classrooms; the development of symbolic technologies such as the Carbon Footprint Calculator; the design of apps and virtual museums for learning science; the use of text message tools for collaborative learning in teacher education and the design, implementation, and evaluation of Augmented Reality apps in outdoor learning. The book is grounded in case studies presented by scholars at the workshop, "Changing Teaching and Learning Practices in Schools with Tablet-Mediated Collaborative Learning: Nordic, European and International Views" and the workshop "Emergent Practices and Material Conditions in Tablet-mediated Collaborative Learning and Teaching" both of which have been held at the Computer-Supported Collaborative Learning conference (CSCL). This volume brings together inspirational and high-quality chapters that raise a range of important ideas and showcase the importance of looking beyond technology-enhanced learning.

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