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Daniela Reimann

Ästhetisch-informatische Medienbildung mit Kindern und Jugendlichen

(Integrated arts and computer education)

**Grundlagen, Szenarien und Empfehlungen für
Gestaltungsprozesse in Mixed Reality-Lernräumen**

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The book addresses the integration of arts and computer science in education. Interactive media art works as well as computer science are seen as starting points to develop project-oriented shaping processes crossing the borders of curricula. The author addresses the communication paradigms of the computer and reflects the Mixed Reality projects realised at 7 schools in general education in the framework of the German model project Art DeCom – Theory and Practice of Integrated Arts, Design and Computer Science in Education – which was funded under the German Cultural Education in the Media Age programme of the Bund-Länder-Commission for three years over 2001 to 2003. It aims to integrate the subjects of arts and computer science in general education. The computer is perceived as a shapable machine and programmable medium, rather than a closed system. The pupils themselves developed, built, constructed, programmed, presented and transformed a variety of media and materials in a more body-oriented approach to learning and shaping the digital media. The experience are reflected and transferred in the context of curricula recommendations for Mixed Reality learning space.

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2001-2003 she worked as a researcher in the modelproject ArtDeCom and lecturer at the Forum for Interdisciplinary Studies at the Muthesius-Academy of Arts and Design in Kiel. 2004 she obtained the Dr. phil. (PhD) at the University of Kiel. Her research focus is on Hypermedia- and Mixed Reality-systems in interdisciplinary media arts education at school and university level and in teacher training.

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