

Australian Education Review

Number: 56

Series Editor: Suzanne Mellor

AER 56 explores national and international policy priorities for building students' innovation capabilities through information and communication technologies (ICT) in Australian schools.

Section 1 provides an overview of two intersecting Australian school education policy priorities: that of how to meaningfully include technologies into teaching and learning; and how to build innovation capabilities in students. Section 1 sets out the Australian policy context for digital education and highlights some of the emerging challenges. Section 2 critically examines the education and economic policy contexts for digital education in Australia, their intersections with international economic priorities, and the role of commercial technologies markets in schools. Section 3 discusses those Australian education policy priorities that focus on how students build both their discipline-based knowledge and general capabilities, such as creativity and innovation, using technologies. Section 4 provides some insights into how students currently use technologies for learning and communicating with each other inside and outside of school, and reflects upon what are the implications of these practices for students and policy implementation in schools. In Section 5 the discussion focuses on the physical and human characteristics required to enable learning with technologies in the 21st century. Section 6 challenges existing policy approaches to technology-use in schools, and argues for more open approaches to the deployment and use of technologies and digital resources in schools.

Kathryn Moyle is Associate Professor of Education at the University of Canberra. She has published extensively in the fields of technologies and their implications for school reform, curriculum, assessment, teaching and learning, and school leadership. Her most recent research involves listening to the views of students about how they learn with technologies. In recent years she has had a leadership role with the peak body advising government policy on ICT in education.

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Building Innovation: Learning with technologies

Kathryn Moyle

Building Innovation

Australian Education Review Series

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