UNFOLDING DEEPER LEARNING: DESIGNING EDUCATION FOR TOMORROW (AND TODAY)

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Abstract

For almost five centuries, our classrooms and teaching have been shaped by a particular relationship between people and information that emerged from the technologies of printing and print culture. Yet as emerging technologies such as mobility, pervasive connectivity, social networking, and digital creation radically change our relationship with the world around us, our approaches to teaching and learning must change as well. Building from current educational theory and recent research, this session will propose a multidimensional approach for engaging learners. By designing a learning environment that knits together content, community, and context - the three dimensions of learning - we can encourage deeper learning that is tightly connected to local cultures and strongly supported by social bonds. This interactive presentation will give you key tools and insights for transforming your own learning environments and making them productive and relevant in a world of pervasive access and connection.

Keywords: coding, physical computing, challenge-based learning, innovative learning programmes.