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Collana	Cognitive Science and Technology, , 2195-3988
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Nota di contenuto	Making Sense of Teaching: From Mystery to Heuristics -- Towards an Evidence-Based Pedagogic Literacy: The Core Principles of Learning -- Metacognitive Capability: The Superordinate Competence for the 21st Century -- Motivation & Well-Being: From Mystery to Heuristics -- Creative Teaching Competence: The SHAPE of Creative Teachers -- Creative Teaching Competence & EdTech: Total Pedagogy -- Framing a Curriculum for 21st Century Competencies -- Assessing 21st Century Competencies -- Framing Professional Development Now.
Sommario/riassunto	This book offers teaching/training professionals an evidence-based pedagogic guide to teaching effectively, efficiently and creatively – also known as Creative Teaching Competence. Firstly it summarizes the extensive research on human psychological functioning relating to learning and how this can be fully utilized in the design and facilitation of quality learning experiences that maximize attainment and

engagement opportunities. Secondly, it demonstrates what creativity actually 'looks like' in terms of specific teaching practices, modeling the underpinning processes (syntax) of creative learning design. It then establishes Metacognitive Capability as the superordinate twenty-first century competency; in that this unique human attribute can significantly enhance the cognitive and motivational strategies essential for facilitating self-directed learning and wellbeing. The book helps teaching/training professionals to thoughtfully apply evidence-based knowledge and strategies to today's challenges, such as developing self-directed learners, enhancing intrinsic motivation, utilizing technology for learning and teaching, developing curricula for twenty-first century competencies and optimally framing and developing the heightened teacher expertise required today.
