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	Altri autori (Persone)	JonassenDavid H. <1947-2012.> SpectorJ. Michael
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	Nota di contenuto	Introducing mindtools and problem solving / J. M. Spector, B. B. Lockee, S. E. Smaldino, & M. C. Herring -- Mental models and their role in learning by insight and creative problem solving / N. M. Seel, D. Ifenthaler, P. Pirnay-Dummer -- A practice-centered approach to instructional design / B. Wilson -- Experiential learning and cognitive tools: the impact of simulations on conceptual change in continuing healthcare education / T. Reeves -- Simulations, games and virtual worlds as mindtools / S. J. Warren & J. S. Wakefield -- Mindtools for teachers: do you know the way to Web 2.0? / P. A. Kirschner & I. G. J. H. Wopereis -- Virtual gaming and leaving environments as "experience"-tools for learning through problem solving / J. M. Laffey, M. Schmidt, & K. Galyen -- Comprehension using the strategic organization of text aided by a web-based intelligent tutoring system: a text- and computer-based mindtool / K. Wijekumar & B. J. F. Meyer -- Alternative pathways for research and instructional design on technology-supported group problem solving / S-C. Tan -- Reconsidering epistemology, learning and design / M. J. Hannafin -- Conceptualizing problems in problem-based learning: its role and cognitive tools / W. Hung -- Problem solving for conceptual change / C. B. Lee & K. Murcia

	-- Mobile technologies as mindtools for augmenting observations and reflection in everyday environments / S. M. Land, B. K. Smith, & H. T. Zimmerman -- Mindtools for augmentation and their role in promoting ill-structured problem solving / B. Belland -- A compendium of taxonomies / A. Tristan -- Mindtools in online education: enabling meaningful learning / R. Marra -- First principles of learning / D. H. Jonassen.
Sommario/riassunto	Learning, Problem Solving, and Mindtools is inspired by the substantial body of learning research by David H. Jonassen in the areas of mind tools and problem solving. The focus of the volume is on educational technology, especially with regard to how new technologies have facilitated and supported problem solving and critical thinking. Each chapter focuses on a particular aspect of learning with technology and elaborates the implications for the design and implementation of learning environments and activities aimed at improving the conceptualization of problems, reasoning and hig