



Instructional Guidance: A Cognitive Load Perspective (Paperback)

By -

Information Age Publishing, United States, 2015. Paperback. Condition: New. Language: English . Brand New Book ***** Print on Demand *****.The book explores a cognitive load perspective on instructional guidance. Cognitive load theory is focused on instructional design implications and prescriptions that flow from human cognitive architecture, and it has become one of the leading theories of instructional design. According to this theoretical perspective, the purpose of instructional guidance is to reduce learner potential cognitive overload by providing appropriate information in the right time and in a suitable format. As the learner s level of prior knowledge is considered as the main factor influencing this decision, the effect of learner prior knowledge on effectiveness of instructional methods (the expertise reversal effect in cognitive load theory) provides the basic framework for the book. The fully-guided direct instruction and minimally-guided inquiry (discovery or exploratory) learning are often discussed in instructional psychology literature as examples of approaches with opposed degrees of guidance provided to the learners. This book considers the whole range of the levels of guidance (including intermediate levels) and approaches the problem of balancing learner guidance from a cognitive load perspective. The significance of this approach is in applying our current knowledge...



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