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MEMORY AND CHILDREN'S SPECIFIC COMPREHENSION SKILLS; Inference and Integration; Anaphoric Processing; Use of Context; Comprehension Monitoring  
The Inter-Relations between Working Memory and Reading  
Comprehension Skills Summary; CONCLUSIONS; Summary Box; References; 4: Working Memory, Executive Functioning, and Children's Mathematics; WORKING MEMORY MODEL; ARITHMETIC AND THE SLAVE SYSTEMS; THE CENTRAL EXECUTIVE; The Nature of the Central Executive; Early Development of the Central Executive and Mathematic Skills; WHAT ARE THE IMPLICATIONS FOR EDUCATION?; Summary Box; References; 5: Working Memory and Dynamic Testing in Children with Learning Disabilities; WHAT ARE WORKING MEMORY, LEARNING DISABILITIES, AND DYNAMIC ASSESSMENT?  
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Study 2: A Further Study of Attention in Mainstream Schoolchildren  
Study 3: Identifying Working Memory Deficits in Attention Deficit/Hyperactivity Disorder Subtypes; Study 4: Fragile X Syndrome and Other Neurodevelopmental Disorders; Study 5: Attention in Young Children with Fragile X Syndrome and Williams Syndrome; CONCLUSIONS ON ATTENTION, WORKING MEMORY, AND INHIBITION; EDUCATIONAL IMPLICATIONS OF THE FINDINGS; Attention Weakness; Neurodevelopmental Disorders; Summary Box; References; 7: Working Memory and Deafness: Implications for Cognitive Development and Functioning; DEFINING DEAFNESS  
FACTORS AFFECTING WORKING MEMORY DEVELOPMENT IN DEAF CHILDREN

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Sommario/riassunto

Psychologists have been trying to understand the factors that underpin children's success and failure in different educational domains for many years. One psychological function that has been found to play an important role in educational achievement is 'working memory', the processes involved in the temporary maintenance and manipulation of information. This book provides the reader with an up-to-date review of the research that has identified how working memory relates to academic attainment in: reading, reading comprehension, arithmetic and writing, as well as looking at how children with d

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