Working Memory and Education. Educational Psychology

Description: 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 difficulties relating to hearing impairment and attention deficits differ in terms of their working memory. Other chapters focus on how working memory is called upon in classroom settings, how working memory can be assessed, and approaches to remediation. The opening chapter of the book provides an account of working memory from the architect of the model that has dominated psychological theory for over two decades. This book is a valuable resource for psychologists, educationalists, and anyone seeking to understand more about the cognitive basis of educational achievement in children.

It brings together in one volume information that would normally be found in different sources
It brings together two disciplines that are highly relevant to one another (psychology and education) but not often linked directly
Provides psychologists with a perspective on educational practice
Provides educationalists with a well-established psychological framework for viewing educational phenomena
It provides information about up-to-date research techniques
It provides suggestions on how psychological theory can be translated into practice in educational settings

Contents:

Contributors
Acknowledgments
Introduction

1. Working Memory: An Overview
   Alan Baddeley

2. Understanding Normal and Impaired Reading Development: A Working Memory Perspective
   Peter F. de Jong

3. Children's Reading Comprehension: The Role of Working Memory in Normal and Impaired Development
   Kate Cain

4. Working Memory, Executive Functioning, and Children's Mathematics
   Rebecca Bull and Kimberly Andrews Espy

5. Working Memory and Dynamic Testing in Children with Learning Disabilities
   H. Lee Swanson

6. Deconstructing Working Memory in Developmental Disorders of Attention
   Kim Cornish, John Wilding, and Cathy Grant

7. Working Memory and Deafness: Implications for Cognitive Development and Functioning
   Madeleine Keehner and Joanna Atkinson

8. Working Memory in the Classroom
   Susan E. Gathercole, Emily Lamont, and Tracy Packiam Alloway

9. Assessment of Working Memory in Children
   Susan J. Pickering

10. Sources of Working Memory Deficits in Children and Possibilities for Remediation
Meredith Minear and Priti Shah

Subject Index

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