The Trouble with Maths

A Practical Guide to Helping Learners with Numeracy Difficulties

By Steve Chinn

Now in a second edition, the award-winning The Trouble with Maths offers important insights into the often confusing world of numeracy. By looking at learning difficulties in maths from several perspectives, including the language of mathematics, thinking styles and the demands of individual topics, this book offers a complete overview of the most common problems associated with mathematics teaching and learning. It draws on tried-and-tested methods based on research and the author’s many years of classroom experience to provide an authoritative yet highly accessible one-stop classroom resource.

Combining advice, guidance and practical activities, this user-friendly guide will enable you to:

• develop flexible thinking skills
• use alternative strategies for pupils to access basic facts
• understand the implications of pre-requisite skills, such as working memory, on learning
• implement effective preventative measures before disaffection sets in
• recognise maths anxiety and tackle self-esteem problems
• tackle the difficulties with word problems that many pupils may have
• select appropriate materials to enhance understanding.

More Trouble with Maths

A Complete Guide to Identifying and Diagnosing Mathematical Difficulties

By Steve Chinn

Series: David Fulton / Nasen

There are many factors that can contribute to the learning difficulties children and adults have with mathematics. These include poor working memory, difficulties in retrieving so-called ‘basic’ facts and the ability to remember and apply formulas and procedures correctly.

This highly practical teacher resource is for anyone who would like to accurately and effectively identify dyscalculia amongst their pupils.

The book will guide the reader in the interpretation of tests, emphasising the need for a clinical approach when assessing individuals, and shows how diagnosis and assessment can become part of everyday teaching. This resource also includes pragmatic tests which can be implemented in the classroom, and shows how identifying the barriers is the first step in setting up any programme of intervention.

The Multisensory Handbook

A Guide for Children and Adults with Sensory Learning Disabilities

By Paul Pagliano

For people with challenging sensory and cognitive conditions, everyday life can become so unpredictable and chaotic that over time, lack of engagement can often lead to a state of learned helplessness. In this insightful text, Paul Pagliano shows how ‘learned helplessness’ can be transformed into learned optimism through multisensory stimulation, and explains how a programme of support can be designed and modulated to match the person’s needs, interests and abilities.

The author offers an abundance of exciting multisensory stimulation ideas that can be applied to communication, play, leisure and recreation, therapy and education. Practical resources also show how to monitor and review applications to ensure they are being used in the most effective and enjoyable ways possible.


May 2012: 208pp: Pb: 978-0-415-67013-5: £45.00

Brilliant Ideas for Using ICT in the Inclusive Classroom
By Sally McKeown and Angela McGlashon
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The Equality Act for Educational Professionals
A Simple Guide to Disability Inclusion in Schools
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Creating Multi-sensory Environments
Practical Ideas for Teaching and Learning
By Christopher Davies
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December 2011: 136pp

December 2011: 288pp
The Effective Teacher’s Guide to Autism and Communication Difficulties
Practical Strategies

Updated and expanded, this book allows the teacher to be self-critical in developing classroom approaches and offers up-to-date research combined with professional experience on how to best achieve good practice in the classroom. This accessible book offers down-to-earth information on:
• terms and definitions
• legal considerations
• classroom strategies
• useful resources
• pedagogical issues.

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The Effective Teacher’s Guide to Dyslexia and other Learning Difficulties (Learning Disabilities)
Practical Strategies

This highly anticipated second edition critically examines the specificity and complexity of learning disabilities. The user-friendly text highlights the importance of schools reviewing their curricula and assessment, pedagogical methods, resources, organisation and therapy procedures to ensure the best personal and social development for their pupils. This book addresses a range of issues associated with:
• reading disorders / dyslexia
• disorder of written expression/ dysgraphia
• developmental co-ordination disorder / dyspraxia
• mathematics disorder/ dyscalculia.

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The Effective Teacher’s Guide to Moderate, Severe and Profound Learning Difficulties (Cognitive Impairments)
Practical Strategies

This updated second edition has been restructured and expanded to ensure it continues to meet the needs of the busy teacher. The book reviews the classroom difficulties associated with:
• mild cognitive impairment
• moderate to severe cognitive impairment
• profound cognitive impairment
• conditions associated with cognitive impairment.

www.routledge.com/9780415693875

The Effective Teacher’s Guide to Sensory and Physical Impairments
Sensory, Orthopaedic, Motor and Health Impairments, and Traumatic Brain Injury

Michael Farrell offers well sourced overviews of the conflicting and contradictory advice that is available to schools, suggests a variety of solutions to challenges, empowering the reader to make their own choices.” — Carol Smart, Special Needs Information Press

Fully updated with the latest research and advice on best practice, this new edition covers a range of conditions that cause learning difficulties for children, including visual impairment, hearing impairment, deafblindness, orthopaedic impairment, motor disorders and health impairments, as well as a brand new chapter on traumatic brain injury.

Writing in his popular accessible style, Michael Farrell suggests the best ways of dealing with a variety of conditions, always with practical classroom situations in mind. In each section, the book:
• explains the legal contexts
• looks at the range of provision
• suggests intervention and support strategies
• gives points for reflection and suggested further reading.

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Other titles coming soon in 2012:
• New Perspectives in Special Education
• Educating Special Children

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Making Dyslexia Work for You

By Vicki Goodwin and Bonita Thomson

Written for dyslexic adults or anyone who thinks they might be dyslexic, this bold and imaginative book is deliberately concise and easy to dip into.

• User-friendly, essential guide to the world of study and work for anyone with dyslexia.
• Identifies the key needs of adults and young people who are dyslexic.
• Encourages them to put together their own package of ideas and strategies for success.
• Offers practical activities, examples and support covering reading, memory, organization, self-esteem, IT and dyslexia in the workplace.
• Over 100 topics from this book are expanded on our online resource.

This unique guide to overcoming the day-to-day difficulties associated with dyslexia will also be of great interest to employers, colleagues, teachers, friends and family of those with dyslexia.


The Changing Face of Special Educational Needs

Impact and Implications for SENCOs and their Schools

By Alison Ekins

The Changing Face of Special Educational Needs shows teachers, SENCOs and students in teacher training how to respond to the rapidly changing context of special education. This highly practical and accessible text unlocks the often confusing field of special education provision in schools today by:

• summarising and clarifying new policy directions as they emerge, in light of recent coalition government policies on Education, SEN and Disability
• suggesting clear, practical activities to bring the theory to life, helping practitioners to review and reflect upon their work
• encouraging critical reflection about existing systems within the school context, considering whether these will remain appropriate and “fit for purpose”
• giving opportunities for teachers, SENCOs and senior leaders to contextualise the new changes in terms of the implications for practice in their own school.

This book will also be essential reading for all SENCOs completing the National Award for SEN Coordination.


‘Up-to-date and reflective of new government policy, this book will be an essential resource for all Senior Leaders and SENCOs.’

– Lynne Cook, Senior Lecturer in Education, Oxford Brookes University, UK

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