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## Cambridge Primary Mathematics Stage 6 Games Book with CD-ROM

Cambridge University Press Written for use with the Cambridge Primary Mathematics Curriculum Framework, and endorsed by Cambridge International Examinations, the Cambridge Primary Mathematics series is informed by the most up-to-date teaching philosophies from around the world. It aims to support teachers to help all learners become confident and successful mathematicians through a fun and engaging scheme. Through an investigatory approach children learn the skills of problem solving in the context of other mathematical strands in the course. The course will encourage learners to be independent thinkers with the confidence to tackle a wide range of problems who understand the value and relevance of their mathematics. Classroom discussion is encouraged to help learners become good mathematical communicators, to justify answers and to make connections between ideas. This series is part of

Cambridge Maths ([www.cie.org.uk/cambridgeprimarymaths](http://www.cie.org.uk/cambridgeprimarymaths)), a project between Cambridge University Press and Cambridge International Examinations and is appropriate for learners sitting the Primary Checkpoint test.

## Cambridge Primary Mathematics Stage 1 Teacher's Resource with CD-ROM

Cambridge University Press This series is endorsed by Cambridge International Examinations and is part of Cambridge Maths.

## Cambridge Primary Mathematics Stage 5 Teacher's Resource with CD-ROM

Cambridge University Press This series is endorsed by Cambridge International Examinations and is part of Cambridge Maths.

## Cambridge Primary Mathematics Stage 6 Teacher's Resource with CD-ROM

Cambridge University Press This series is endorsed by Cambridge International Examinations and is part of Cambridge Maths.

## Cambridge Primary Mathematics Stage 2 Teacher's Resource with CD-ROM

Cambridge University Press This series is endorsed by Cambridge International Examinations and is part of Cambridge Maths.

# Cambridge Primary Mathematics Starter Activity Book C

Cambridge University Press Cambridge Primary Mathematics is a flexible and engaging course written for the Cambridge Primary Maths Curriculum. Cambridge Primary Mathematics is a flexible and engaging course written specifically for the Cambridge Primary Mathematics Curriculum Framework. Cambridge Primary Starters are complementary activity books which are specifically designed as preparatory activity books before children embark on the Cambridge Primary Curriculum at Grade 1. The Starters provide a range of activities which will help children acquire the vital numeracy skills they will need for primary school, such as numbers, counting, identifying shapes and comparing sizes and quantities. They include discreet activity guidance for teacher or parent as they support their child in completing the activities.

# Cambridge Primary Mathematics Starter Activity Book B

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# Cambridge Primary Mathematics Starter Activity Book A

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their child in completing the activities.

## Primary Maths Practice and Homework

Cambridge University Press Active Maths Practice & Homework 6 is arranged in units, which provide an open-ended task for the week, exercises in mental computation, review of concepts tackled in the previous week, and ample practice of the current week's work. Active Maths Practice & Homework 6 is ideal for homework or extra practice in the classroom.

## Cambridge Primary Mathematics Stage 4 Games Book with CD-ROM

Cambridge University Press Written for use with the Cambridge Primary Mathematics Curriculum Framework, and endorsed by Cambridge International Examinations, the Cambridge Primary Mathematics series is informed by the most up-to-date teaching philosophies from around the world. It aims to support teachers to help all learners become confident and successful mathematicians through a fun and engaging scheme. Through an investigatory approach children learn the skills of problem solving in the context of other mathematical strands in the course. The course will encourage learners to be independent thinkers with the confidence to tackle a wide range of problems who understand the value and relevance of their mathematics. Classroom discussion is encouraged to help learners become good mathematical communicators, to justify answers and to make connections between ideas. This series is part of Cambridge Maths ([www.cie.org.uk/cambridgeprimarymaths](http://www.cie.org.uk/cambridgeprimarymaths)), a project between Cambridge University Press and Cambridge International Examinations and is appropriate for learners sitting the Primary Checkpoint test.

## Cambridge Primary Mathematics Stage 3 Teacher's Resource with CD-ROM

Cambridge University Press This series is endorsed by Cambridge International Examinations and is part of Cambridge Maths.

# The Cambridge Primary Review Research Surveys

Routledge The Cambridge Primary Review Research Surveys is the outcome of the Cambridge Primary Review – England’s biggest enquiry into primary education for over forty years. Fully independent of government, it was launched in 2006 to investigate the condition and future of primary education at a time of change and uncertainty and after two decades of almost uninterrupted reform. Ranging over ten broad themes and drawing on a vast array of evidence, the Review published thirty-one interim reports, including twenty-eight surveys of published research, provoking media headlines and public debate, before presenting its final report and recommendations. This book brings together the twenty-eight research surveys, specially commissioned from sixty-five leading academics in the areas under scrutiny and now revised and updated, to create what is probably the most comprehensive overview and evaluation of research in primary education yet published. A particular feature is the prominence given to international and comparative perspectives. With an introduction from Robin Alexander, the Review’s director, the book is divided into eight sections, covering: children’s lives and voices: school, home and community children’s development, learning, diversity and needs aims, values and contexts for primary education the structure and content of primary education outcomes, standards and assessment in primary education teaching in primary schools: structures and processes teaching in primary schools: training, development and workforce reform policy frameworks: governance, funding, reform and quality assurance. The Cambridge Primary Review Research Surveys is an essential reference tool for professionals, researchers, students and policy-makers working in the fields of early years, primary and secondary education.

# Cambridge Primary Mathematics Stage 5 Learner's Book

Cambridge University Press Written for use with the Cambridge Primary Mathematics Curriculum Framework, and endorsed by Cambridge International Examinations, the Cambridge Primary Mathematics series is informed by the most up-to-date teaching philosophies from around the world. It aims to support teachers to help all learners become confident and successful mathematicians through a fun and engaging scheme. Through an investigatory approach children learn the skills of problem solving in the context of other mathematical strands in the course. The course will encourage learners to be independent thinkers with the confidence to tackle a wide range of problems who understand the value and relevance of their mathematics. Classroom discussion is encouraged to help learners become good mathematical communicators, to justify answers and to make connections between ideas. This series is part of Cambridge Maths ([www.cie.org.uk/cambridgeprimarymaths](http://www.cie.org.uk/cambridgeprimarymaths)), a project between Cambridge University Press and Cambridge

International Examinations and is appropriate for learners sitting the Primary Checkpoint test.

## Cambridge Primary Mathematics Stage 3 Games Book with CD-ROM

Cambridge University Press This series is endorsed by Cambridge International Examinations and is part of Cambridge Maths.

## Cambridge Primary Mathematics Stage 4 Teacher's Resource with CD-ROM

Cambridge University Press This series is endorsed by Cambridge International Examinations and is part of Cambridge Maths.

## Maths Express Year 6: Teachers' Resource Book

Ginn The Numeracy Extras series provides a range of materials developed to be used alongside existing resources as extras to support maths teaching. The books in the Maths Express range are designed to stretch the more able pupil in a whole class context, and feature challenging exercises.

## Checkpoint Maths

Hodder Education Checkpoint Maths is the first 11-14 series to be written specifically for students who are preparing for the University of Cambridge International Examinations Checkpoint test and IGCSE exam. The series is fully endorsed by CIE and is included in their Checkpoint Mathematics Resources List. - Written for an international audience - Includes plenty of exercises for practice - Contains extension material to stretch more able students - Investigations at the end of each section illustration applications of the work covered - ICT is an integral part of the course, with ICT activities at the end of each section

# Teaching Mathematics in Primary Schools

## Principles for effective practice

Routledge 'This is an outstanding book: it should be high on the list of any primary school teacher's set of references and a required text for pre-service teachers.' Australian Primary Mathematics Classroom In our technology-rich world, numeracy is just as important as the smartphone in your pocket. Students need to develop mathematical ways of seeing the world and strong problem-solving skills, and those foundations are taught in the primary school classroom. Teaching Mathematics in Primary Schools covers the mathematical content taught in primary and middle years, always emphasising how students can connect what they learn in mathematics with other curriculum areas and with the world beyond the classroom. The authors draw on the latest international research to show how teachers can develop a rich repertoire of classroom teaching techniques, and effective planning, assessment and reporting methods. They outline approaches to creating supportive learning environments for all students, and to building their knowledge and confidence in using mathematics. This third edition has been updated throughout and includes a new chapter on numeracy. Evidence-based uses of digital technologies to support learning and teaching are included in every chapter. With practical strategies that can be implemented in the classroom, this book is an invaluable resource for pre-service and early career primary and middle years mathematics teachers.

# Cambridge Primary Science Stage 6 Teacher's Resource

## Book with CD-ROM

Cambridge University Press Cambridge Primary Science is a flexible, engaging course written specifically for the Cambridge Primary Science curriculum framework. This Teacher's Resource for Stage 6 contains guidance on all components in the series. Select activities and exercises to suit your teaching style and your learners' abilities from the wide range of ideas presented. Guidance includes suggestions for differentiation and assessment, and supplementing your teaching with resources available online, to help tailor your scheme of work according to your needs. Answers to questions from the Learner's Book and Activity Book are also included. The material is presented in editable format on CD-ROM, as well as in print, to give you the opportunity to adapt it to your needs.

# A Dialogic Teaching Companion

Routledge Building on Robin Alexander's landmark Towards Dialogic Teaching, this book shows how and why the dialogic approach has a positive impact on student engagement and learning. It sets out the evidence, examines the underpinning ideas and issues, and offers guidance and resources for the planning, implementation and review of effective dialogic teaching in a wide range of educational settings. Dialogic teaching harnesses the power of talk to engage students' interest, stimulate their thinking, advance their understanding, expand their ideas and build and evaluate argument, empowering them for lifelong learning and for social and democratic engagement. Drawing on extensive published research as well as the high-profile, 5000-student trial and independent evaluation of Alexander's distinctive approach to dialogic teaching in action, this book: Presents the case for treating talk as not merely incidental to teaching and learning but as an essential tool of education whose exploitation and development require understanding and skill; Explores questions of definition and conceptualisation in the realms of dialogue, argumentation and dialogic teaching, revealing the similarities and differences between the main approaches; Discusses evidence that has enriched the debate about classroom talk in relation to oracy, argumentation, student voice and philosophy for children as well as dialogic teaching itself; Identifies what it is about dialogic teaching that makes a difference to students' thinking, learning and understanding; Presents the author's rationale and framework for dialogic teaching, now completely revised and much expanded; Proposes a professional development strategy for making dialogic teaching happen which, like the framework, has been successfully trialled in schools; Lists resources from others working in the field to support further study and development; Includes an extensive bibliography. Robin Alexander's A Dialogic Teaching Companion, like its popular predecessor Towards Dialogic Teaching, aims to support the work of all those who are interested in the quality of teaching and learning, but especially trainee and serving teachers, teacher educators, school leaders and researchers.

# Cambridge Primary Mathematics Challenge 3

Cambridge University Press Cambridge Primary Mathematics is a flexible and engaging course written specifically for Cambridge Primary Mathematics Curriculum Stages 1 to 6. The course offers a discussion-led approach with problem-solving integrated throughout. The language is pitched to ESL learners with illustrations to support visual understanding. The Challenge Books provide extension activities for children who need more challenging activities to stretch their skills beyond the required standard for success. They include a full range of carefully levelled activities which help deepen a child's understanding, plus helpful guidance for explaining

to the learner, teacher or parent the key mathematical concepts underpinning each exercise.

## Contemporary Issues in Primary Education

### Fifty Years of Education 3-13: International Journal of Primary, Elementary and Early Years Education

Taylor & Francis This book was developed as part of the celebrations for the 50th anniversary of the founding of the journal Education 3-13, which has always had primary education as its main focus. The journal has been published by Routledge since 2007 and is the most important academic publication in the field internationally. This book has been edited by a team of academics and senior practitioners, all of whom are members of the Board of the journal or the Association for the Study of Primary Education (which is the owning body of the journal). It will serve as an excellent resource to researchers and students of primary education. Topics include major contemporary issues such as key challenges in the field, learning and teaching, wellbeing, teachers' work and professionalism, and outdoor learning. The chapters in this book comprise articles published in Education 3-13 in the last ten years.

## Collins International Primary Maths – Problem Solving and Reasoning Student Book 3

HarperCollins UK Students can quickly get to grips with problem solving and reasoning by completing activities categorised by topic and question type. Fully in line with the Cambridge Primary Mathematics Curriculum.

## Cambridge Primary Mathematics Challenge 1

Cambridge University Press Cambridge Primary Mathematics is a flexible and engaging course written specifically for Cambridge Primary Mathematics Curriculum Stages 1 to 6. The course offers a discussion-led approach with problem-solving integrated throughout. The language is pitched to ESL learners with illustrations to support visual understanding. The Challenge Books provide

extension activities for children who need more challenging activities to stretch their skills beyond the required standard for success. They include a full range of carefully levelled activities which help deepen a child's understanding, plus helpful guidance for explaining to the learner, teacher or parent the key mathematical concepts underpinning each exercise.

## Penpals for Handwriting Year 1 Practice Book

Cambridge University Press Penpals for Handwriting is a complete handwriting scheme for 3-11 year olds. The Year 1 Penpals for Handwriting Practice Book is designed for guided group work and individual practice, once the initial handwriting focus has been illustrated using the Year 1 Penpals for Handwriting Interactive resource. Year 1 is the first time letters are used within words.

## Mathematics Olympiad Masterpiece Series - High School Level

Mathematician Suitable for high school students with high mathematics ability and people above high school level. High school students with higher mathematics ability should learn more in-depth Mathematical Olympiad topics through independent learning methods to further improve their mathematics level, which is conducive to studying university subjects in the future.

## Mathematics for Machine Learning

Cambridge University Press The fundamental mathematical tools needed to understand machine learning include linear algebra, analytic geometry, matrix decompositions, vector calculus, optimization, probability and statistics. These topics are traditionally taught in disparate courses, making it hard for data science or computer science students, or professionals, to efficiently learn the mathematics. This self-contained textbook bridges the gap between mathematical and machine learning texts, introducing the mathematical concepts with a minimum of prerequisites. It uses these concepts to derive four central machine learning methods: linear regression, principal component analysis, Gaussian mixture models and support vector machines. For students and others with a mathematical background, these derivations provide a starting point to machine learning texts. For those learning the mathematics for the first time, the methods help build intuition and practical experience with applying mathematical concepts. Every chapter includes worked examples and exercises to test understanding. Programming tutorials are offered on the book's web site.

# (Free version) Abacus & Mental Arithmetic Course Book

Mathewmatician All examples and exercises are provided with detailed and smooth versions of video teaching It is suitable to - Children with strong self-learning ability - Parents who train their children on their own - Kindergarten or Primary school teacher - Students majoring in early childhood education or elementary education in universities and colleges - Those who are interested in becoming an abacus and mental arithmetic teacher or are interested in running an abacus and mental arithmetic class

## Primary Mathematics

### Capitalising on ICT for Today and Tomorrow

Cambridge University Press Now in its second edition, Primary Mathematics continues to provide a comprehensive introduction to teaching and learning mathematics in today's classrooms. With links to both the Australian and New Zealand curricula, this book covers the core learning areas of measurement, space and geometry, early number concepts, data and statistics, chance and probability, and patterns and algebra. Primary Mathematics encourages the integration of technology into a pedagogically sound learning sequence for primary mathematics, and provides teachers with detailed activities and examples to cater for the mathematical needs of all learners. The book comes with free twelve-month access to Cambridge HOTmaths, a popular, award-winning online tool with engaging multimedia to help students and teachers learn and teach mathematical concepts.

## Abacus & Mental Arithmetic Course Book

Mathewmatician All examples and exercises are provided with detailed and smooth versions of video teaching It is suitable to - Children with strong self-learning ability - Parents who train their children on their own - Kindergarten or Primary school teacher - Students majoring in early childhood education or elementary education in universities and colleges - Those who are interested in becoming an abacus and mental arithmetic teacher or are interested in running an abacus and mental arithmetic class

# EBOOK: Bad Education: Debunking Myths in Education

McGraw-Hill Education (UK) "This is an important and welcome book. Readers can see the faults of simplistic judgments, neglect of evidence, dismissal of researchers, and injudicious implementation." From the foreword by Paul Black We all know that small classes are better than large classes; that children are best taught in groups according to their ability; that some schools are much better than others and that we should teach children according to their individual learning styles ... or do we? This book asks awkward questions about these and many other sacred cows of education. Each chapter tackles a persistent myth in education, confronting it with research evidence and teasing out any kernel of truth which may underlie the myth. Leading authors from the world of education each bring analysis and expertise to bear on their chosen subject, presenting their argument in an accessible manner based on sound scholarship. Some of the conclusions drawn in Bad Education are likely to be real eye-openers for many teachers and parents, who will find some of their basic assumptions about education called into question. It is also essential reading for anyone involved in educational policy making or management. Contributors: Philip Adey, Mike Anderson, Ed Baines, Paul Black, Peter Blatchford, Margaret Brown, Guy Claxton, Frank Coffield, Justin Dillon, Julian (Joe) Elliott, Simon Gibbs, Jeremy Hodgen, Neil Humphrey, Annette Karmiloff-Smith, Bill Lucas, Bethan Marshall, Brian Matthews, Corinne Reid, Rob Webster, Dylan Wiliam "As education policymakers it can be difficult to resist the comfort of our own experience and gut instincts or the lure of populism. Bad Education is an invaluable myth-buster that tears down common misconceptions and serves up hard facts in their place. This is a politically unpalatable guide to the evidence that will challenge policymakers, the press and parents alike." Dale Bassett, Head of Public Policy, AQA "Kenneth Baker describes in his memoirs how education policy was influenced by Margaret Thatcher's hairdresser and possibly her cleaner. More recently policy has been justified by the selective use of research in an attempt to create legitimacy for policy changes. Bad Education seeks to address some of the most important issues facing education without resorting to the rhetoric of ideologues or detailed statistical analysis. Instead an acknowledged expert in each issue facing education looks carefully at the available evidence. These issues range from how schools are organized, to teaching methods and learning. Each of the issues examined is one that has many 'myths' associated with it. The authors show, in an clear and compelling way, that too much of what is being done in schools is being decided upon based on the selective use of evidence. Vocational education, ability grouping, class size, use of teaching assistants, synthetic phonics, learning styles, brain training and dyslexia are just some of the issues where the evidence is presented, in an engaging and easy to digest manner, and where all of those in education should take notice of the conclusions. In some cases the evidence is helpfully conclusive. In others it is inconclusive and messy. As we constantly seek to redefine what is best for the next cohort of children to enter education Adey and Dillon, in this highly readable and well edited book, provide us with the evidence as to

what does really does make a difference. Perhaps more importantly they move the debate on from gut instinct and myths to looking at the evidence. This book should become a manifesto for change for all of those in education who want to ensure our children do not receive a Bad Education. Every Headteacher should buy a copy for every teacher and hopefully somebody might even place a copy under the Secretary of State's Xmas tree." Gary Phillips, Head Teacher, Lilian Bayliss School "This is a welcome and important book. It takes apart the myths which support the dearly held convictions, simplistic assumptions, prejudices and irrational certainties of both politicians and teachers. Admitting that education is not itself a science, but demonstrating how both neuroscience and psychology have become available to inform educational policy and practice, it should provide food for more careful and well-informed thought to all who can influence what happens in our schools." Baroness Perry of Southwark

## Resources in Education

### Primary Maths Teacher's Resource

Cambridge University Press This resource book will help teachers with providing activities, practice and worksheets for students.

### Transforming Primary Mathematics

### Understanding classroom tasks, tools and talk

Routledge Fully updated to reflect the new curriculum, the revised edition of Transforming Primary Mathematics sets out key theories and cutting-edge research in the field to enable teachers to take a fresh look at how they teach mathematics. The book encourages teachers to reflect on their own beliefs and values about mathematics, and asks them to question whether their current methods meet the needs of all learners, and the challenge of having high expectations for all. It provides clear, practical approaches to help implement fundamental change in classroom environments, and offers motivational teaching styles to ensure meaningful mathematics learning. Chapters take an inspiring, sometimes controversial, and often unconventional look at the subject of mathematics, by: endorsing the use of a 'new mathematics' - one based on problem solving, modelling, inquiry and reasoning, not on abstract rules, memorising, and regurgitation arguing that there is more to maths teaching than 'death by a thousand worksheets' challenging norms, such as the practice of sorting children into sets based on their perceived mathematical ability asking whether

mathematical ability is innate or a result of social practices examining what a 'mastery' approach might entail highlighting the role of variation in supporting learning advocating an environment where teachers are encouraged to take risks. Transforming Primary Mathematics is for all primary school teachers who want to make mathematics welcoming, engaging, inclusive and successful.

## Course and Curriculum Improvement Projects: Mathematics, Science, Social Sciences

### Revise for Cambridge Primary Checkpoint Maths

Hodder Education Boost learner confidence ahead of the Cambridge Primary Checkpoint tests with invaluable support and practical, ready-to-use revision activities. This Teacher's Guide supports revision in preparation for the Cambridge Primary Checkpoint test at the end of Stage 6. It contains revision activities for all the strands of the Cambridge Primary Maths curriculum: Number, Geometry, Measure and Handling data, with opportunities for Problem solving embedded throughout. It includes an overview of the learning objectives, revision activities, supporting photocopiables and tips to improve learners' performance. - Focus revision where learners need most support and ensure coverage of the curriculum with clearly identified learning objectives and easy-to-follow teaching notes for each activity - Prepare learners for assessment with structured practice tests in the style of the Cambridge Primary Checkpoint test, while Quick quizzes offer opportunities to assess understanding and progress informally - Improve understanding, memory and exam performance with photocopiable resources such as visual models and images, practice questions and games We are working with Cambridge International Examinations to gain endorsement for this series.

### Education in Spite of Policy

Routledge A national system of education cannot function without policy. But the path to practice is seldom smooth, especially when ideology overrules evidence or when ministers seek to micromanage what is best left to teachers. And once the media join the fray the mixture becomes downright combustible. Drawing on his long experience as teacher, researcher, government adviser, campaigner and international consultant, and on over 600 published sources, Robin Alexander expertly illustrates and illuminates these processes. This selection from his recent writing, some hitherto unpublished, opens windows onto cases and issues that concern

every teacher. Part 1 tackles system-level reform. It revisits the Cambridge Primary Review, an evidence-rich enquiry into the condition and future of primary education in England, which challenged the UK government's policies on curriculum, testing, standards and more besides. Here the reform narratives and strategies of successive governments are confronted and dissected. Part 2 follows the development of England's current National Curriculum, exposing its narrow vision and questionable use of evidence and offering a more generous aims-driven alternative. This section also investigates the expertise and leadership needed if children are to experience a curriculum of the highest quality in all its aspects. Part 3 reaches the heart of the matter: securing the place in effective pedagogy of well-founded classroom talk, a mission repeatedly frustrated by political intervention. The centrepiece is dialogic teaching, a proven tool for advancing students' speaking, thinking, learning and arguing, and an essential response to the corrosion of democracy and the nihilism of 'post-truth'. Part 4 goes global. It investigates governments' PISA-fuelled flirtations with what they think can be adapted or copied from education elsewhere, examines the benefits and pitfalls of international comparison, and ends with the ultimate policy initiative: the United Nations mission to ensure 'inclusive and equitable quality education' for all the world's children. *Education in Spite of Policy* is for all those teachers, students, school leaders and researchers who value the conversation of policy, evidence and practice, and who wish to explore the parts of education that policy cannot reach.

## Cambridge Primary Mathematics Skills Builders 3

Cambridge University Press Cambridge Primary Mathematics is a flexible and engaging course written specifically for Cambridge Primary Mathematics Curriculum Stages 1 to 6. The course offers a discussion-led approach with problem-solving integrated throughout. The language is pitched to ESL learners with illustrations to support visual understanding. Skills Builders provide consolidation activities for children who need extra learning opportunities to meet the standard for success. A full range of activities is provided to help raise a child's mathematical understanding and performance to match their peers, with teacher/parental guidance on key mathematical methods and concepts before each exercise.

## EBOOK: Teaching and Learning Early Number

McGraw-Hill Education (UK) "This richly varied text offers generous support for every aspect of the teacher's role, while constantly reminding us that mathematical activity is not a de-contextualised skill that children possess, but part of their identity, their way of being in the world, engaged with the world, energetically - and playfully - trying to make sense of it." Mary Jane Drummond, formerly of the Faculty of Education, University of Cambridge, UK Teaching and Learning Early Number is a bestselling guide for all trainee and

practising Early Years teachers and classroom assistants. It provides an accessible guide to a wide range of research evidence about the teaching and learning of early number. Major changes in the primary mathematics curriculum over the last decade - such as the National Numeracy Strategy, the Primary National Strategy, the Early Years Foundation Stage and the Williams Review - have greatly influenced the structure of this new edition. The book includes: A new introductory chapter to set the scene Six further new chapters - including Mathematics through play, Children's mathematical graphics and Interview-based assessment of early number knowledge Six completely re-written chapters and two updated chapters A new concluding chapter looking to the future The chapters can be read in a standalone fashion and many are cross referenced to other parts of the book where specific ideas are dealt with in a different manner. Issues addressed include: new research on the complex process of counting and on children's written mathematical marks; counting in the home environment and play in the school setting; the importance of mathematical representations and of ICT in children's understanding of number; errors and misconceptions and the assessment of children's number knowledge.

## Research in Education

## Annual Index