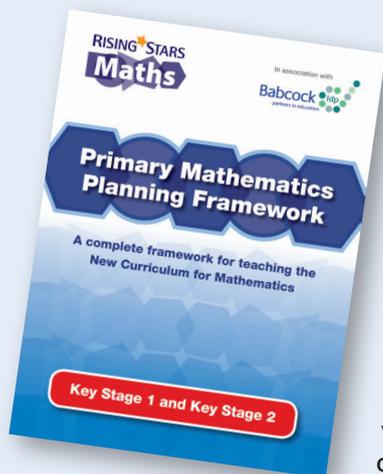


The new curriculum for primary mathematics 2014

## Medium-Term Plans and Assessment Tasks



### Primary Mathematics Planning Framework

Written by the Babcock LDP mathematics advisers and published by Rising Stars, this is a fully planned framework to help you deliver the new curriculum with ease.

- Comprehensive medium-term plans for Years 1 to 6
- Breaks down all new national curriculum objectives into 14 teaching sequences for each year group
- Uses a spiral approach – objectives are revisited through the year to ensure consolidation and progression
- The plans are provided on a networkable CD-Rom so that all teachers can access the planning
- Poster/overview map – a visual overview of the pathways and progression by year

### About the sequences

Related objectives are grouped into 14 sequences for each year group to ensure progression and to develop conceptual understanding.

Four sequence types that repeat through the year and across KS1 and KS2:

- Number sense
- Additive reasoning
- Multiplicative reasoning
- Geometric reasoning

Each sequence includes:

- Success criteria
- 'I can' statement
- Learning objectives
- Guidance for teaching and learning

For examples please visit [www.shop.darteducation.co.uk](http://www.shop.darteducation.co.uk)

### Assessment Tasks

- Assessment tasks are included for each sequence in the planning framework
- Designed to be used at the end of each teaching sequence
- Enables identification of those children who have either mastered the content in the sequence or who are still working towards it and need further support
- Includes 'look out for children ...' guidance to support the teacher with early identification of problems with conceptual understanding and remediation
- All assessment tasks are provided in print and on an editable CD-Rom for flexible use across years groups
- Photocopiable resources are supplied on the CD-Rom



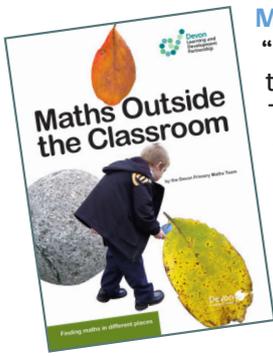
Complete pack  
£300

## Mind the Gap

Children's progress in calculation is often undermined by their lack of understanding of the number system. Mind the Gap is the result of action research undertaken by the Devon Primary Maths team aiming to identify and resolve the issues which impede progression across Key Stage 2. The publication provides diagnostic assessment materials with linked teaching activities to support children in Key Stage 2 with gaps in their knowledge and understanding of Numbers and the Number system. Teaching activities focus on whole numbers, negative numbers and decimal numbers, clearly identifying the misconceptions and pitfalls which can hamper children's learning.

£28.50

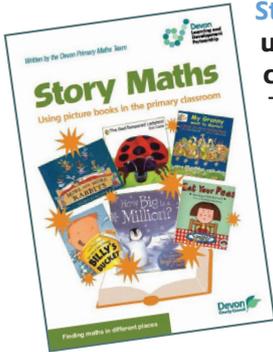




### Maths Outside the Classroom

“The best classrooms are roofed by the sky.” Margaret McMillan (1914). This book is the result of a small scale project focussed on identifying opportunities to take maths outside the classroom. From ‘Do longer bean pods hold more beans?’ to ‘The further from the river bank the larger the pebbles’, it provides a rich source of more than 50

activities to stimulate mathematical enquiry in the outdoor environment across the primary age range. This is the first in the series of publications Finding maths in different places. **£9.50**

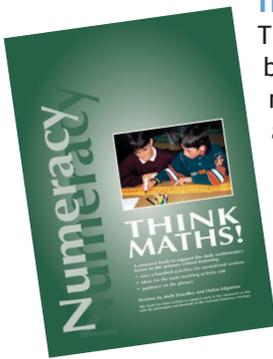


### Story Maths

#### using picture books in the primary classroom

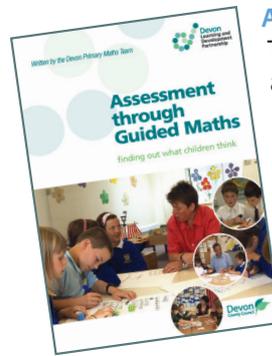
This book is the result of a small scale project focussed on developing the use of picture books as a context and starting point for mathematics. A selection of over 40 picture books are included, suitable for children across the primary age range, with suggested questions and activities for use in the primary classroom.

Some of the books have a specific mathematical theme running through them but many of the books are just good books. This is part of the series of publications Finding maths in different places. **£15**



### Think Maths

This publication is a vital resource for busy primary teachers. It contains nearly 300 pages of ideas and activities for use with children from nursery to year 6 and beyond. The bulk of the book is a collection of activities for use in mental/oral sessions and includes questions for the teacher to use in order to provoke children’s mathematical thinking. **£19.50**



### Assessment through Guided Maths

This book provides support for assessment including CPD. It focuses on the value of guided sessions as opportunities to observe and probe children’s mathematical thinking. The book includes 40 activities which allow children with a wide range of mathematical attainment to access them (low threshold) whilst having the potential

for being explored at a higher level, often well beyond that expected at Y6 (high ceiling). For some of the activities children’s work and teachers’ assessment notes have been included as real examples of significant evidence. **Book only £25. Book plus two DVDs and one training disc £45.50** (Over three hours of clips of high quality guided sessions in KS1 and KS2, using activities from the book, a suggested training sequence and notes.)



### Using and Applying in every maths lesson

#### Ideas for the Primary Classroom

Using and applying is about HOW we ask children to engage with the mathematics they encounter and HOW we ask them to think about it. This publication provides practical ideas for making using and applying part of every lesson. It gets behind the terminology and theory, suggests ways of

putting this into practice and provides resources for teachers to use. This includes an appendix of questions and statements for Reception through to Y6, which can be used to start lessons. These are aimed at getting the children to think about the mathematics rather than just ‘doing’ an activity. It also looks in detail at the place of communication in maths, including talk and writing. Different genres of mathematical writing are explored and examples of these genres, produced both by teachers and children, are included in the book. **£19.50**

#### I WOULD LIKE TO ORDER:

- copies of **Primary Mathematics Planning Framework Complete Pack** at **£300** + £4.95 p&p
- copies of **Assessment through Guided Maths (BOOK + DISCS)** at **£45.50** + VAT on £20 + £3.60 p&p
- copies of **Assessment through Guided Maths (BOOK ONLY)** at **£25** + £3.60 p&p
- copies of **Mind the Gap** at **£28.50** + £5.60 p&p
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