Collins

'ONE OF THE BEST WHOLE-SCHOOL
PROGRAMMES AVAILABLE FOR HELPING
CHILDREN DEVELOP MATHEMATICAL
MASTERY AND FLUENCY.'
Teach Primary

ARE YOU THINKING ABOUT MASTERY?

FIND OUT HOW BUSY ANT MATHS CAN SUPPORT A MASTERY APPROACH IN YOUR SCHOOL

WWW.COLLINS.CO.UK/BUSYANTMATHS



order with 25% OFF

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HOW BUSY ANT MATHS CAN SUPPORT A MASTERY APPROACH IN YOUR SCHOOL

In October 2014 the National Centre for Excellence in the Teaching of Mathematics (NCETM) published 'Mastery approaches to mathematics and the new national curriculum'.

In this document they helpfully outlined 5 principles and features that characterise a mastery approach.

Find out how these characteristics are embedded throughout the entire Busy Ant Maths scheme!

'ENGAGING... ACCESSIBLE...POWERFUL'
Teach Primary

Busy Ant Maths

A philosophy of equal opportunity means that Busy Ant Maths has been designed and written with the assumption that pupils are taught the same mathematics domain (topic), and the same National Curriculum Attainment Target (objective).

See page 4 for the Activity and Pupil Books.

NCETM's 'principles and features that characterise a mastery approach'

Teachers reinforce an expectation that all pupils are capable of achieving high standards in mathematics.

The large majority of pupils progress through the curriculum content at the same pace. Differentiation is achieved by emphasising deep knowledge and through individual support and intervention

Although there is no differentiation in content taught, the questioning and scaffolding individual pupils receive does differ.

'Lower attainers' focus on developing deep understanding and secure fluency with facts and procedures, while 'higher attainers' are challenged through more demanding problems.

See page 9 for the Progress Guides and Stretch & Challenge

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NCETM's 'principles and features that characterise a mastery approach'

Teaching is underpinned by methodical curriculum design and supported by carefully crafted lessons and resources to foster deep conceptual and procedural knowledge.

Practice and consolidation play a central role. Carefully designed variation within this builds fluency and understanding of underlying mathematical concepts in tandem.

Teachers use precise questioning in class to test conceptual and procedural knowledge, and assess pupils regularly to identify those requiring intervention so that all pupils keep up

Visit www.collins.co.uk/BusyAntMastery for more information.

Busy Ant Maths

An emphasis is given in Key Stage 1 and Lower Key Stage 2 to the knowledge and skills pupils need to achieve the level of mastery and fluency in number that is expected in the Programme of Study.

Using the online Planning Tool via Collins Connect, the Medium-term plans can be easily adapted to meet the specific needs of individual classrooms.

See page 5 for the Teacher's Guides and page 6 for Collins Connect.

Practice and consolidation in every lesson consists of both written exercises and practical hands-on activities, and includes individual, paired and group tasks. As well as four specific detailed lesson plans, each week Busy Ant Maths provides a bank of four 'Learning activities' that teachers can offer pupils to further practise and consolidate their understanding.

See page 5 for the Teacher's Guides.

Progress Check Questions assist teachers in checking pupils' understanding of the lesson objective(s). The Assessment Guides and Test Packs give you the support to assess pupils' mastery of specific targets and the programme of study for each year group.

See page 8 for the Assessment Guides and Test Packs

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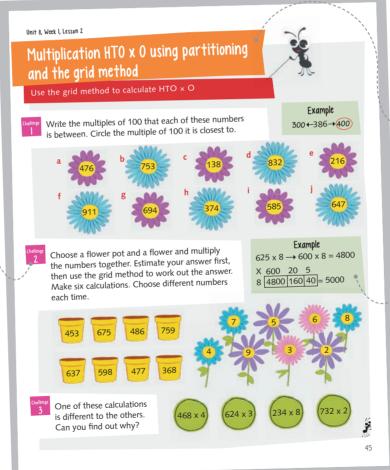
ALL PUPILS CAN ACHIEVE HIGH STANDARDS IN MATHEMATICS

"Busy Ant Maths has helped my class to think more for themselves when they are working on problem solving. They are more successful in completing their main activity and their extension work."

Louise Cain, Year 3 Teacher, Richmond Avenue Primary School

ACTIVITY AND PUPIL BOOKS





Pupils of all abilities

work on the same
mathematics domain

Examples, models and images clearly illustrate mathematical concepts

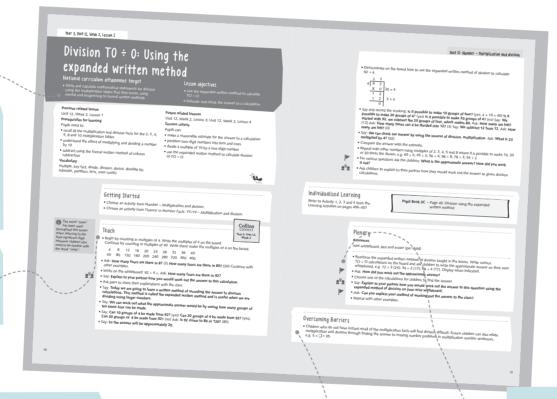
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TEACHING UNDERPINNED BY CAREFULLY CRAFTED LESSONS

TEACHER'S GUIDES

Progressive, step-by-step programmes designed to ensure key concepts are reviewed and practised regularly.

All teaching is whole-class, keeping all children together



Teacher's Guide 4 Teacher's Guide 6

The overcoming barriers section will help you to ascertain where any misunderstandings may have occurred, and suggest ways to deal with any confusions the pupils have.

Keep track of your pupils' understanding throughout the lesson with helpful progress check questions.



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MEET THE SPECIFIC NEEDS OF YOUR CLASSROOM

Collins Connect

Collins Connect is an innovative online learning platform that supports both teachers and pupils by providing a wealth of content and digital resources.

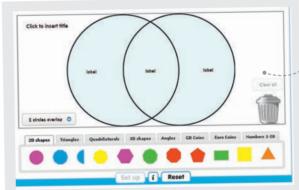
Ideal as a front-of-class teaching and learning tool.

Collins Connect also facilitates independent learning and supports you in keeping parents up-to-date with current teaching.



SIGN UP FOR A FREE 14 DAY TRIAL OF COLLINS CONNECT TODAY VISIT CONNECT.COLLINS.CO.UK FOR MORE INFORMATION





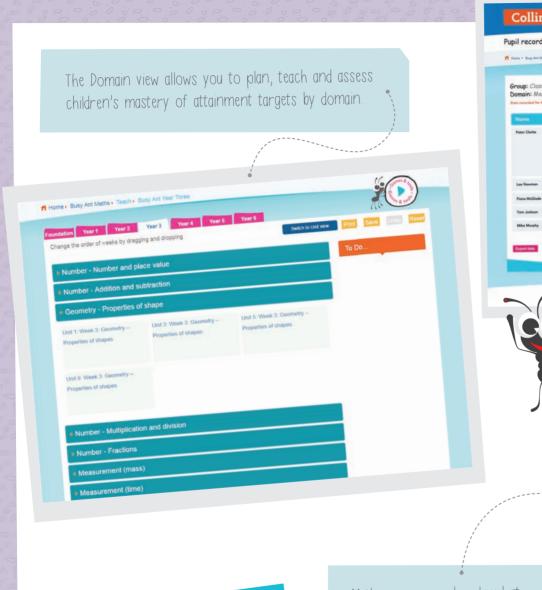
Collins Connect

Flexible tools and teaching slides allow you to use the representations that are most appropriate for your pupils.

Everything you need to teach a week of maths is located together on one page

MIXED-AGE CLASS PLANNING IS NOW AVAILABLE ON COLLINS CONNECT, GO TO COLLINS.CO.UK/BUSYANTMATHS
TO FIND OUT MORE.

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Supports assessment with an easy-to-use online Record-Keeping Tool. Simply drag-and-drop pupils into the relevant mastery level:

green = mastery achieved and exceeded

amber = mastery achieved

red = mastery not yet achieved

NEW!
TEST PACKS ARE NOW LIVE
ON COLLINS CONNECT



CHALLENGE YOUR PUPILS'
MULTIPLICATION SKILLS WITH THE
TIMES TABLES TEST SIMULATOR ON
COLLINS CONNECT

Maths games can be played at different levels, timed or untimed, to develop mathematical fluency

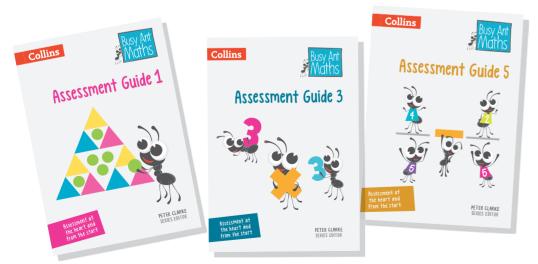
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REGULARLY ASSESS CONCEPTUAL AND PROCEDURAL KNOWLEDGE

ASSESSMENT GUIDES

These provide diagnostic, formative and summative assessment to assess individual pupils' level of mastery and identify their strengths and weaknesses in a specific National Curriculum Attainment Target (NC AT):

- Provide guidance about what to do for those pupils who are achieving above or below expectations
- Inform future planning and teaching of individual pupils and the class as a whole





TEST PACKS

These photocopiable packs, contain a practice test that will support you in making a decision as to whether or not an individual child has achieved mastery of the programme of study for each year group.

You can use the tests alongside the Busy Ant Maths Assessment Guides, or by themselves.

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INDIVIDUAL SUPPORT AND INTERVENTION

PROGRESS GUIDES

These provide support and extension activities, to raise pupil attainment and ensure rapid progression for children who need extra practice to gain mastery of lesson objectives.





STRETCH AND CHALLENGE

Challenge your more able pupils with resources for each year designed to broaden and deepen their mathematical understanding.

- Self-contained activity booklets (issues) promote interdependent thinking and develop children's problem-solving skills.
- Accompanying teacher's notes for each issue provide guidance, support and next steps.

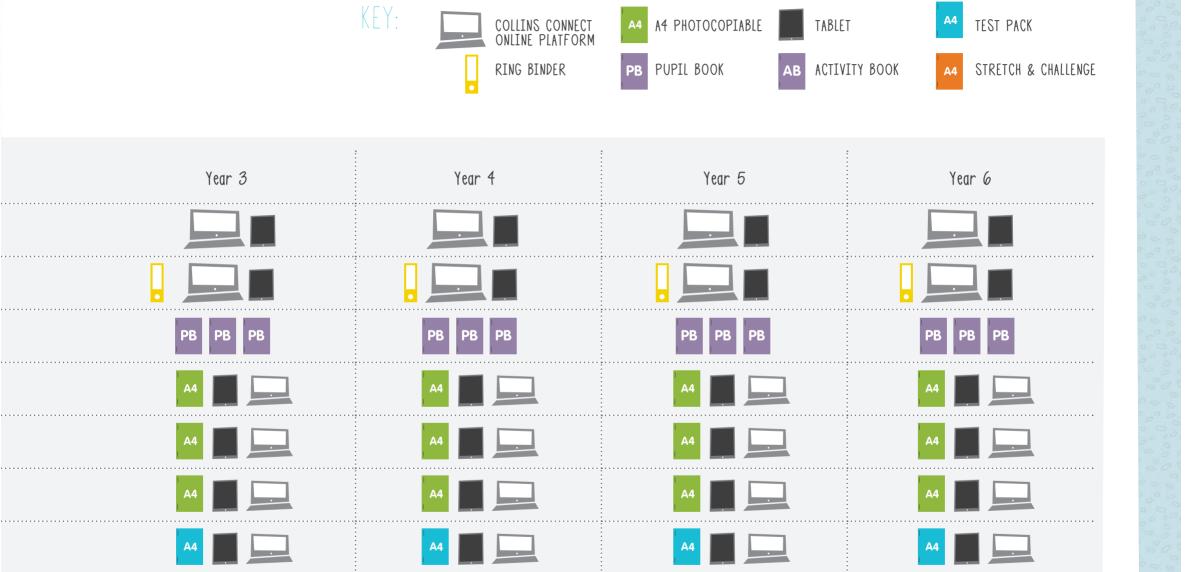
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HOW IS BUSY ANT MATHS STRUCTURED?

Busy Ant Maths is also available in Euro editions, to find out more go to collins.co.uk/BusyAntMaths

COMPONENT / YEAR LEVEL	Foundation	Year 1	Year 2	
COLLINS CONNECT ONLINE PLATFORM				
TEACHER'S GUIDE				
PUPIL BOOKS & ACTIVITY BOOKS	АВ	AB AB AB	AB AB AB	
ASSESSMENT GUIDE		A4	A4	
PROGRESS GUIDE		A4	A4	
HOMEWORK GUIDE	A4	A4	A4	
TEST PACK		A4 📗 📖	A4	
STRETCH & CHALLENGE		Δ4	A4	

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Collins



PRICING

The 25% offer is for UK schools only and is available until 30th April 2017.

The prices shown here are for each individual component, and for subscriptions to Busy Ant Maths on Collins Connect. If you are a small school, or in a group of schools looking to resource collectively we can discuss a package and price that suits your requirements.

(Small school = 100 pupils or fewer)

Title	ISBN	Price	Discounted Price	Qty
Stretch and Challenge Connect Pack, Year 1 - Year 6	9780008196905	£450.00 + VAT	£337.50 + VAT	
Foundation				
Foundation Teacher's Guide	9780008124625	£115.00	£86.25	
Foundation Activity Book	9780008124649	£3.25	£2.44	
Foundation Homework Guide	9780008124632	£50.00	£37.50	
1 year subscription to Collins Connect - Foundation	9780008124656	£200.00 (+VAT)	£150.00 (+VAT)	
3 year subscription to Collins Connect - Foundation	9780008125219	£500.00 (+VAT)	£375.00 (+VAT)	
Year 1				
Year 1 Teacher's Guide	9780007568178	£115.00	£86.25	
1 Year subscription to Collins Connect - Year 1	9780007574773	£200.00 (+VAT)	£150.00 (+VAT)	
3 year subscription to Collins Connect - Year 1	9780007574834	£500.00 (+VAT)	£375.00 (+VAT)	
Year 1 Activity Book 1A	9780007568192	£3.25	£2.44	
Year 1 Activity Book 1B	9780007568208	£3.25	£2.44	
Year 1 Activity Book 1C	9780007568215	£3.25	£2.44	
Year 1 Progress Guide	9780007568253	£50.00	£37.50	
Year 1 Homework Guide	9780007568277	£50.00	£37.50	
Year 1 Assessment Guide	9780007568154	£80.00	£60.00	
Year 1 Test Pack	9780008167363	£65.00	£48.75	
Year 1 Stretch and Challenge	9780008167301	£80.00	£60.00	
Year 2				
Year 2 Teacher's Guide	9780007568185	£115.00	£86.25	
1 Year subscription to Collins Connect - Year 2	9780007574780	£200.00 (+VAT)	£150.00 (+VAT)	
3 Year subscription to Collins Connect - Year 2	9780007574841	£500.00 (+VAT)	£375.00 (+VAT)	
Year 2 Activity Book 2A	9780007568222	£3.25	£2.44	
Year 2 Activity Book 2B	9780007568239	£3.25	£2.44	
Year 2 Activity Book 2C	9780007568246	£3.25	£2.44	
Year 2 Progress Guide	9780007568260	£50.00	£37.50	
Year 2 Homework Guide	9780007568284	£50.00	£37.50	
Year 2 Assessment Guide	9780007568161	£80.00	£60.00	
Year 2 Test Pack	9780008167370	£65.00	£48.75	
Year 2 Stretch and Challenge	9780008167318	£80.00	£60.00	

YOUR DETAILS:

Name:
Position:
School Name and address:
Postcode: Country:
Telephone:
Email:

Terms and Conditions:

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Postage and Packing:

Evaluation Copies are supplied free of charge. Firm Orders: UK Postage: £4.95

Year 3				
Year 3 Teacher's Guide	9780007562350	£115.00	£86.25	
1 Year subscription to Collins Connect - Year 3	9780007574797	£200.00 (+VAT)	£150.00 (+VAT)	
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Year 3 Pupil Book 3A	9780007562374	£7.30	£5.48	
Year 3 Pupil Book 3B	9780007562381	£7.30	£5.48	
Year 3 Pupil Book 3C	9780007562398	£7.30	£5.48	
Year 3 Progress Guide	9780007562435	£50.00	£37.50	
Year 3 Homework Guide	9780007562459	£50.00	£37.50	
Year 3 Assessment Guide	9780007562336	£80.00	£60.00	
Year 3 Test Pack	9780008167387	£65.00	£48.75	
Year 3 Stretch and Challenge	9780008167325	£80.00	£60.00	
Year 4				
Year 4 Teacher's Guide	9780007562367	£115.00	£86.25	
1 Year subscription to Collins Connect - Year 4	9780007574803	£200.00 (+VAT)	£150.00 (+VAT)	
3 Year subscription to Collins Connect - Year 4	9780007574865	£500.00 (+VAT)	£375.00 (+VAT)	
Year 4 Pupil Book 4A	9780007562404	£7.30	£5.48	
Year 4 Pupil Book 4B	9780007562411	£7.30	£5.48	
Year 4 Pupil Book 4C	9780007562428	£7.30	£5.48	
Year 4 Progress Guide	9780007562442	£50.00	£37.50	
Year 4 Homework Guide	9780007562466	£50.00	£37.50	
Year 4 Assessment Guide	9780007562343	£80.00	£60.00	
Year 4 Test Pack	9780008167394	£65.00	£48.75	
Year 4 Stretch and Challenge	9780008167332	£80.00	£60.00	

HOW DO I FIND OUT MORE?



CONTACT THE SPECIAL BUSY ANT CONSULTANT IN YOUR AREA:

www.collins.co.uk/findyourrep

KEEP UP-TO-DATE WITH BUSY ANT MATHS AT www.collins.co.uk/BusyAntMaths

INTERNATIONAL SCHOOLS:

Email: collins.international@harpercollins.co.uk

RETURN THIS FORM TO:
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Honley, HD9 6QZ
Email: education@harpercollins.co.uk
with your order, quoting BAM1702

Year 5				
Year 5 Teacher's Guide	9780007568314	£115.00	£86.25	
1 Year subscription to Collins Connect - Year 5	9780007574810	£200.00 (+VAT)	£150.00 (+VAT)	
3 Year subscription to Collins Connect - Year 5	9780007574872	£500.00 (+VAT)	£375.00 (+VAT)	
Year 5 Pupil Book 5A	9780007568338	£8.30	£6.23	
Year 5 Pupil Book 5B	9780007568345	£8.30	£6.23	
Year 5 Pupil Book 5C	9780007568352	£8.30	£6.23	
Year 5 Progress Guide	9780007558254	£50.00	£37.50	
Year 5 Homework Guide	9780007568680	£50.00	£37.50	
Year 5 Assessment Guide	9780007568291	£80.00	£60.00	
Year 5 Test Pack	9780008167400	£65.00	£48.75	
Year 5 Stretch and Challenge	9780008167349	£80.00	£60.00	
Year 6				
Year 6 Teacher's Guide	9780007568321	£115.00	£86.25	
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3 Year subscription to Collins Connect - Year 6	9780007574889	£500.00 (+VAT)	£375.00 (+VAT)	
Year 6 Pupil Book 6A	9780007568369	£8.30	£6.23	
Year 6 Pupil Book 6B	9780007568376	£8.30	£6.23	
Year 6 Pupil Book 6C	9780007568383	£8.30	£6.23	
Year 6 Progress Guide	9780007568390	£50.00	£37.50	
Year 6 Homework Guide	9780007568406	£50.00	£37.50	
Year 6 Assessment Guide	9780007568307	£80.00	£60.00	
Year 6 Test Pack	9780008167417	£65.00	£48.75	
Year 6 Stretch and Challenge	9780008167356	£80.00	£60.00	
	P&P	£4.95		
	Total	£		

Promotion Code: BAM1702

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