Ma

YEAR 3

3-4

3b

Optional mathematics tests

Grid for test analysis

This grid is for optional use and has been provided to help teachers analyse the performance of pupils in the year 3 optional mathematics tests.

The grid provides information on which part of the Programme of Study is targeted by each question. Sometimes a question covers more than one part of the Programme of Study. Where this is the case, a judgement has been made as to what is the main focus of the question.

Teachers may find it useful to record the performance of their pupils in order, with the pupils who have scored the highest marks in the test first. This will allow patterns in attainment to be seen more easily. It can be used to analyse the performance of particular groups of pupils, eg those for whom English is an additional language, pupils with special educational needs or those just missing a level 4. It might also be useful to look at a particular question or group of questions – have they been answered well or badly; why might this be?

Many local education authorities provide something similar to this grid, either on paper or in the form of a spreadsheet. This grid is not intended to supersede any of these materials. It is for optional use and is intended for those teachers who do not have access to other materials.



Year 3 optional mathematics Test 3b - grid for te

Fill in the grid as follows:

- 1 for mark awarded
- **0** for question attempted but no mark awarded
- for question omitted

The national percentage for each question (which can be entered below) will be available on the QCA website **www.qca.org.uk** from early 2007.

	Names	Level achieved
1		
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2 3		
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27 28		
26 29		
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<i>31</i>		
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34		
35		
<i>36</i>		
20		

Total number of marks per question
Total number of omitted questions
Class percentage correct per question
National percentage correct per question

	Multiplication	Mass – read scales	Subtraction and multiplication	Multiples	Handling data – frequency table	Handling data – frequency table	3-D shape – properties	Addition and place value	Division and inverse	Problem solving (context)	2-D shape – right angles	Addition and subtraction (context)	Addition and subtraction (context)
UAM PoS ref Question							Problem solving			Problem solving			
PoS ref	N3j	S4b	N3a	N3f	H2b	H2b	S1c, S2d	N3e	N4a	N1e, N4a		N4a	N4a
Mark	1	<u>2</u>	<i>3</i>	1	<i>5a</i>	<i>5b</i>	6	<i>7</i>	8	9	10	<i>11i</i>	<i>11ii</i>
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est analysis

Rotation	Division	Fraction of shape	Subtraction	Length (context)	Addition and inverse	Division (context)	Division (context)	Interpret and read scales – capacity	Problem solving and multiplication	Problem solving and multiplication	Interpreting data	Reflective symmetry	Reflective symmetry	Handling data – bar chart	Handling data – bar chart	Number line – decimals	Multiplication (context)	Number operations and inverses	Number operations and inverses	Fraction of number	2-D shape – drawing
S3b	N3f	N2d	N3i	S4a	N3e	N4a	N4a	S4b	N3j	Problem solving N1d, N3j	Commu- nicating H1g, H2c	S2c	S2c	H2c	H2c	N2i	N3j	N3a	N3a	N2d	S3c
12	13	14	15	16	17	18i	18ii	19		20b		22i	22ii			24	25		26ii	27	28
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				•		•															

Total score	Total number of omitted questions

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