# 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 3. 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.



ing data – bar chart

on – money

value and addition

– measuring

ing integers

tive symmetry

ng and estimation

action sequence

action (context)

## Year 3 optional mathematics Test 3a – grid for te

#### Fill in the grid as follows:

- 1 for mark awarded
- 0 for question attempted but no mark awarded
- for question omitted \_

<ul> <li>for question omitted</li> </ul>			uo	Addition – money	Handling data – k	Place value and a	Length – measuri	Ordering integers	Reflective symme	Multiplication	ing	Subtraction (cont	Calculate time	Subtraction seque	Halving and estin
The national percentage for each que can be entered below) will be available	le on the		Addition	Additio	Handli	Place v	Length	Orderi	Reflect	Multip	Rounding	Subtra	Calcula		
QCA website www.qca.org.uk from	n early 2007.	UAM													Problem solving
	Level	PoS ref Question	N3e	N4a 2	H2c 3	N2c	54b	N2c	52c	N3f	N2c	N3e	s4d		N1e, N4c
Names	achieved	Mark	1	<u> </u>	1	4	1	1	1	<u>o</u> 1	1	10a	1	1	12
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## st analysis

2-D shape – properties	Handling data – table	Handling data – table	2-D shape – properties and area	Addition and subtraction (context)	Addition and subtraction (context)	Multiplication	Mass – read scale	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)	Rotation	Division	Fraction of shape
52c <b>13</b>	н2а <b>14і</b>	н1с, Н2а <b>14іі</b>	53c, 54e <b>15</b>	N4a <b>16i</b>	N4a <b>16ii</b>	NЗj 17	<sup>S4b</sup>	<sup>NЗа</sup>	N3f	нзь <b>21а</b>	H2b	s1c, S2d	N3e	N4a <b>24</b>	N1e, N4a	52a 26	N4a <b>27i</b>	<sub>N4a</sub> 27ii	s3b 28	N3f <b>29</b>	N2d
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Total number of omitted questions

Total score

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