Ma

YEAR 4

3-4

4b

### 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 4 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 4 optional mathematics Test 4b – grid for test analysis

#### Fill in the grid as follows:

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

of 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.		Subtraction	Multiplication and s (context)	(context)	Decimals – number Calculate time	3-D shape – propert	3-D shape – propert	Multiplication (cont	Addition sequence	Handling data – bar	Handling data – bar	Subtraction	Number operations	Use of symbols < > :	Calendar	Ratio (context)	Negative numbers	Problem solving – se	Problem solving - se	Coordinates					Number operations	Number operations	Capacity – read scal	Decimals – ordering	Multiplication	Perimeter	Handling data – tab	Multiples	Multiplication	Mass – conversion	Division	
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**Total score** 

## Year 4 optional mathematics Test 4b – grid for test analysis

#### Fill in the grid as follows:

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

of 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.		Subtraction	Multiplication and s (context)	(context)	Decimals – number Calculate time	3-D shape – propert	3-D shape – propert	Multiplication (cont	Addition sequence	Handling data – bar	Handling data – bar	Subtraction	Number operations	Use of symbols < > :	Calendar	Ratio (context)	Negative numbers	Problem solving – se	Problem solving - se	Coordinates					Number operations	Number operations	Capacity – read scal	Decimals – ordering	Multiplication	Perimeter	Handling data – tab	Multiples	Multiplication	Mass – conversion	Division	
Names Level achieved	PoS ref Question Mark	N3i	N4a N 2i 2	2ii i	2i S4c 3 4	52c 5i	52c <b>5ii</b>	N3j	N2a <b>7</b>	н2c <b>8а</b>	н2с <b>8b</b>	N3e 9	N3a 10	N2c 11	54d 12	N2h 13	N2c N	Problem solving 11b,N2b N	N1b,N2b	53c 16	H2a H	Problem solving H1c,H2a  17ii	S2c N	ommu- icating 1h,N4a 1 19 2	N3a 20i 2	N3a <b>POii</b>	54b <b>21</b>	N2i 22 1	N3i	Problem solving S1c,S4e  24	H2b N	Reason- ing N1j,N2b	N2c <b>27</b> 1		N3b <b>29</b>	
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