Ma

YEAR 4

2-3

44a

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 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.



Year 4 optional mathematics Test 4a – grid for test analysis

Fill in the grid as follows:

- **1** for mark awarded

for question attempted but no mark afor question omitted The national percentage for each question	Addition	Length – rounding	Addition sequence	Sequence – hundred s		Handling data – sortir	Number operations a	Addition and subtrac (context)	Addition and subtracticontext)	Reflective symmetry	Reflective symmetry	Rounding	Division (context)	2-D shape – propertie	Multiples	Multiples	2-D shape – angles	Handling data – picto	Division	Fraction of shape	Capacity – estimation	Subtraction	Multiplication and sul (context)	Multiplication and sul (context)	Decimals – number lir	Calculate time	3-D shape – propertie	3-D shape – propertie	Multiplication (conte)	Addition sequence	Handling data – bar c	Handling data – bar c	Subtraction	Number operations ar inverses	Use of symbols < > =		
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QCA website www.qca.org.uk from early 2007.					P	roblem solving						Problem s	olving								Problem solving		Problem solving														
		PoS ref		S4b					N3a	N4a	N4a		51c,S2c	N2c	N3h	S2c	N2b	N2b	S4c	H2c	N1b,N3b	N2d	S1a,S4a	N3i	N4a	N4a	N2i	S4d	S2c	S2c	N3j				N3e		N2c
Mamaa	Level	Question		2	<i>3</i>	4 5	5a .	5b	6 1	7 <i>i</i>	711	8a	8b	9	10	11	12i	12ii	13	14	15	16	17	18	19i	19ii ₁	20	21	22i	22ii	23	24 2	25a 2	5b 2	26 .	27	28
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Total score

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for question attempted but no mark afor question omitted The national percentage for each question	Addition	Length – rounding	Addition sequence	Sequence – hundred s		Handling data – sortir	Number operations a	Addition and subtrac (context)	Addition and subtracticontext)	Reflective symmetry	Reflective symmetry	Rounding	Division (context)	2-D shape – propertie	Multiples	Multiples	2-D shape – angles	Handling data – picto	Division	Fraction of shape	Capacity – estimation	Subtraction	Multiplication and sul (context)	Multiplication and sul (context)	Decimals – number lir	Calculate time	3-D shape – propertie	3-D shape – propertie	Multiplication (conte)	Addition sequence	Handling data – bar c	Handling data – bar c	Subtraction	Number operations ar inverses	Use of symbols < > =		
can be entered below) will be available or			Ado	Len	Adc	Seq	Har	Har	Nur	Adc Coor	Adc (cor	Ref	Ref	Rou	Divi	2-D	M	M	2-D	Har	Divi	Frac	Сар	Sub	Mul (cor	Mu	Dec	Calc	3-D	3-D	M	Adc	Har	Har	Sub	in Var	Use
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		PoS ref		S4b					N3a	N4a	N4a		51c,S2c	N2c	N3h	S2c	N2b	N2b	S4c	H2c	N1b,N3b	N2d	S1a,S4a	N3i	N4a	N4a	N2i	S4d	S2c	S2c	N3j				N3e		N2c
Mamaa	Level	Question		2	<i>3</i>	4 5	5a .	5b	6 1	7 <i>i</i>	711	8a	8b	9	10	11	12i	12ii	13	14	15	16	17	18	19i	19ii	20	21	22i	22ii	23	24 2	25a 2	5b 2	26	27	28
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Total score

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