Mathematics tests

Optional grid for test analysis

This grid is for optional use and has been provided to help teachers to analyse the performance of children on the key stage 1 level 2 mathematics test.

The grid provides information on which area of the programme of study (PoS) 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 children in order, with the children 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 children, eg those for whom English is an additional language, boys achieving a level 2C or children with special educational needs. 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. QCA would welcome any comments on the provision of such a grid and on its make-up.

Key stage 1 level 2 mathematics test 2009 – option

Fill in the grid as follows:

1 for mark awarded

0 for questions attempted but no mark awarded

– for question omitted

The national percentage correct for each question (which can be entered below) will be available on the QCA website **www.qca.org.uk** *from January 2010.*

	Name	Level achieved
1		
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Question	1	2	3	4	5	6	7	8	9	10
	PoS ref: N2b Sequences	PoS ref: S1e Recognise patterns / UAM: reasoning	PoS ref: S4a Ordering events	PoS ref: N3a Subtraction	PoS ref: N4a Money problem	PoS ref: N3a Addition	PoS ref: N3d Missing number problem, addition	PoS ref: N5a Sorting diagram	PoS ref: N3b Half of shape	PoS ref: N3e Record number sentence (context)
Mark	1	1	1	1	1	1	1	1	1	1

Total number of marks per question

Total number of questions omitted

Class percentage correct per question

National percentage correct per question

11	12	13	14	15	16	17	18	19	20	21	22i	22ii	23	24i	24ii	25a	25b	26	27		Total score	Total number of questions omitted
PoS ref: N3c Multiplication (context)	**PoS ref: S3a** Direction and movement	**PoS ref: N3b** Division/grouping	**PoS ref: S4c** Comparing lengths (context)	**PoS ref: N3a** Addition	**PoS ref: N2c** Place value and ordering	**PoS ref: N3a, N2a** Subtraction (context)	**PoS ref: N4a** Subtraction problem (context)	UAM: problem solving **PoS ref: N1a, N5a** Bar chart (context)	**PoS ref: N3c** Division/grouping (context)	**PoS ref: N3c** Doubling and halving	**PoS ref: N3a, N3d** Missing number problem, addition/subtraction	**PoS ref: N3a, N3d** Missing number problem, addition/subtraction	**PoS ref: S2a** Properties of 3D shapes	UAM: communicating **PoS ref: N1f, N3a** Subtraction	**PoS ref: N3a** Subtraction	**PoS ref: N3b** Halving (context)	**PoS ref: N5a** Table (context)	UAM: problem solving **PoS ref: N1c** Money problem	UAM: reasoning **PoS ref: S1e, S4a** Estimate length (context)			
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			