## Mathematics Department Bronze Award



1	Simple addition & its meaning	81	Percentages as pictures
2	Simple subtraction & its meaning	84	Find percentages of amounts 1 (common % non-calc)
3	Related addition & subtraction facts	99	Square numbers
4	Simple multiplication & its meaning	100	Cube numbers
5	Simple division & its meaning	101	Square & cube roots
6	Related multiplication & division facts	140	Use of commutative & associative laws
7	Commutative law	141	Subtraction by counting on
8	Associative law	142	Subtraction using negatives
9	Addition facts	143	Lattice method for multiplication
10	Multiplication facts (times tables)	144	Short multiplication
11	Division facts	145	Long division
12	Distributive law of multiplication	146	Division using steps
13	Read & write positive integers	147	Mental maths help 1 (splitting numbers)
14	Compare positive integers	148	Mental maths help 2 (doubling & halving)
15	Multiply by powers of 10	743	Money (1)
16	Divide by powers of 10	744	Money (2)
17	Round numbers to the nearest 10, 100, 1000	745	Money (3)
18	Addition	746	Money (4)
19	Subtraction	747	Money (5)
20	Addition & subtraction (worded problems)	748	Money (6)
21	Long multiplication	755	Income and rates of pay (1)
22	Short division	328	Compare quantities using ratios
23	Multiplication & division (worded problems)	329	Simplify ratios
24	Order of operations 1 (positive integers)	330	Write ratios as fractions/proportions
25	Odd & even numbers	199	Cartesian axes & coordinates
26	Divisibility tests	433	Types of angles
27	Factors of a number	456	Naming sides & angles
28	Prime numbers	457	Estimating angles
33	Multiple of a number	548	Perimeter (1)
37	Compare negative numbers	553	Counting squares
38	Symmetry of subtraction	576	Counting cubes
39	Adding negative numbers	821	Points and lines
40	Subtracting negative numbers	822	2D shapes
45	Read & write decimal numbers	823	Triangles
46	Compare decimal numbers	824	Quadrilaterals (1)
47	Addition & subtraction with decimals	825	Quadrilaterals (2)
48	Multiplication with decimals	826	Quadrilaterals (3)
49	Division with decimal answers	827	Line symmetry
50	Division of decimals	828	Rotational symmetry
51	Worded problems involving decimals	349	Express a probability in words
52	Convert simple decimals to fractions	350	Express a probability in numbers
55	Convert simple decimals to percentages	351	Probability of single events (1)
56	Round decimal numbers	352	Probability of single events (2)
67	What is a fraction?	401	Data collection sheets (tally charts)
58	Fractions as pictures	402	Grouped frequency tables (discrete)
59	Generate equivalent fractions	404	Mode
61	Simplify fractions	409	Median
73	Convert fractions to decimals 1	410	Range
75	Convert fractions to percentages 1	425	Bar charts & vertical line graphs
77	Fractions of an amount	426	Pictograms