

The logo for 'INSPIRE MATHS' features the word 'INSPIRE' in a bold, dark blue, sans-serif font. A blue spiral icon is positioned above the letter 'I'. Below 'INSPIRE', the word 'MATHS' is written in a lighter blue, sans-serif font.

INSPIRE MATHS

Word List

Word Lists

The Inspire Maths Word List indicates the first time that a key word or phrase is introduced in each Pupil Textbook. You may wish to incorporate these key words as part of your learning wall, or introduce them as part of an intervention session.

The unit numbers and page numbers refer to the relevant pages in the Pupil Textbooks. Where a word is used in the Practice Book, it will already have been introduced in the Pupil Textbook. Where a group of words are introduced (for example, the numbers to 10) they are generally not referenced individually in this document, but as a group. The definitions for each word can normally be found on the relevant Pupil Textbook or Teacher Guide pages.

Word List

Pupil Textbook 1A

Unit	Vocabulary	Page
1	number	6
	numbers to 10 (one, two, three, four, five, six, seven, eight, nine, ten)	6-7
	count	6
	how many...?	8
	zero	8
	pairs	9
	count on	12
	match	13
	compare	13
	the same	13
	more...than	13
	fewer...than	13
	number train	15
	greater than	15
	smaller than	15
	order	17
pattern	17	
less than	20	
2	cubes	22
	group	22
	number bond	22
	part	22
	whole	22
	number balance	24
	altogether	27
3	add	28
	plus	28
	equals	28
	addition sentence	28
	total	29
	most	31
	rounds	31
	addition story	34
	word problem	36
4	subtract	39
	minus	39
	taking away	39
	subtraction sentence	39
	step	41
	counting back	43
	subtraction story	46
	number sentence	50

4 (cont.)	family (of number sentences)	50
	solve	52
5	trace	54
	shape	54
	side	54
	circle	54
	triangle	54
	square	54
	rectangle	54
	types	56
	objects	60
	pattern	62
	size	62
6	what comes next?	63
	ordinal	67
	ordinal numbers from 1st/first to 5th/fifth	67
	before	67
	after	67
	between	67
	position	67
	ordinal numbers from 6th/sixth to 10th/tenth	69
	last	69
	left	73
	right	73
	next to	74
	record	76
	shuffle	76
	repeat	76
	chart	76
	middle	77
diagram	78	
7	numbers 11 to 20	79-81
	place value	86
	tens (<i>place value</i>)	86
	ones (<i>place value</i>)	86
	place value chart	87
	set	88
	equal	90
8	regroup	101
9	length	110
	tall	110
	taller	110
	short	110
	shorter	110
	long	111
	longer	111
	high	112
	higher	112
	shortest	114

9 (cont.)	tallest	114
	longest	114
	highest	114
	measure	119
	about	119
	trace	121
	guess	122
	check	122
	unit (<i>length</i>)	123

Word List

Pupil Textbook 1B

Unit	Vocabulary	Page
10	mass	6
	heavy	6
	heavier	6
	light	6
	lighter	6
	as heavy as	7
	pan balance	9
11	picture graph	18
	data	18
	collecting	18
	organizing	18
	interpreting	20
	fewest	22
12	numbers 21 to 40	26-27
	number track	31
	calendar	31
	swap	52
13	mental calculations	63
	mental addition	63
	result	63
	mentally	64
	mental subtraction	65
	1-digit number	69
14	multiplication	70
	multiplication stories	73
	multiplication sentence	73
	times (<i>multiplication</i>)	73
15	division	79
	equally	79
	divide	83
16	time	84
	minute	84
	hour	84
	minute hand	84
	hour hand	84
	o'clock	84
	half past	86
	half hour	86
17	fifty, sixty, seventy	91
	eighty, ninety, one hundred	92
	fifty-one (<i>and other numbers from 50 to 100 throughout the unit</i>)	92
18	money	121

18 (cont.)	coin	121
	note	121
	pence	121
	pounds	121
	exchange	123
	pay	128
	cost	128
	spend	133
	change	133

Word List

Pupil Textbook 2A

Unit	Vocabulary	Page
1	numbers 100 to 1000	6-9
	hundred	6
	thousand	7
	hundreds (<i>place value</i>)	9
	base ten	13
	3-digit number	18
	method	24
3	model	60
	item	68
	two-step word problems	73
4	sharing / share	81
	division sentence	81
	grouping	83
5	skip-counting	86
	times table	93
8	metre / m	137
	height	138
	width	139
	centimetre / cm	142
	wide	142
	straight line	145
	curve	145
	far	148
	further	148
9	kilogram / kg	155
	scale (<i>mass</i>)	157
	estimate	157
	lightest	161
	gram / g	162

Word List

Pupil Textbook 2B

Unit	Vocabulary	Page
11	save	31
12	fractions	32
	equal part	32
	unequal	32
	whole	33
	fractional parts	37
	fractions (<i>one-half to one-twelfth</i>)	37
	fraction story	43
	like fractions	50
13	turn	60
	minutes past	61
	a.m.	69
	p.m.	69
	start (<i>time</i>)	69
	noon	69
	midnight	69
	end (<i>time</i>)	71
	h (<i>hour</i>)	74
	mins (<i>minutes</i>)	75
14	volume	79
	as much...as	81
	identical	81
	litre / ℓ	85
16	flat surface	115
17	2D shapes	120
	semi	120
	semicircle	120
	quarter circle	121
	3D shapes	129
	cuboid	129
	cone	129
	cylinder	129
	tangram	136

Word List

Pupil Textbook 3A

Unit	Vocabulary	Page
1	numbers 1000 to 10 000	6-8
	thousands (<i>place value</i>)	10
	value	11
	4-digit number	13
2	sum	24
3	difference	37
5	finger counting method	69
	short cut method	72
6	product	79
7	quotient	93
	remainder / r	93
	odd numbers	97
	even numbers	97
	horizontally	109
	vertically	109
	diagonally	109
8	one-step word problems <i>Note: the concept of one-step word problems first appears in Pupil Textbook 1A p.36, but this is the first time that the concept is named.</i>	111
	double	113
	to begin with	114
	thrice	119

Word List

Pupil Textbook 3B

Unit	Vocabulary	Page
11	distance	29
	kilometre / km	30
	millilitre / ml	38
	capacity	38
13	bar graph	56
	earn	62
	interpreting	62
14	numerator	68
	denominator	68
	equivalent fraction	69
	simplest form	74
	portion	75
	common denominator	78
	common numerator	79
	express	81
15	minutes to	92
	conversion	95
	duration	105
	finish (<i>time</i>)	108
16	angle	115
	turn (<i>angle</i>)	115
	right angle	123
17	perpendicular line	127
	perpendicular to / \perp	128
	point (<i>line</i>)	132
	grid	132
	parallel line / //	138
	unit square	139
18	area	149
	surface	149
	tile	149
	square unit	150
	square centimeter / cm^2	154
	square metre / m^2	158
	perimeter	163

Word List

Pupil Textbook 4A

Unit	Vocabulary	Page
1	numbers 10 000 to 100 000	6 - 10
	ten thousands (<i>place value</i>)	8
	5-digit number	12
2	approximately equal to / \approx	22
	rounding	22
	nearest (<i>rounding</i>)	22
	reasonable	32
	exactly (<i>division</i>)	36
	factor	36
	common factor	38
	multiple	41
	common multiple	42
calculate	49	
4	table	72
	tally	73
	line graph	79
	axis	79
	$^{\circ}\text{C}$	79
	increase	82
5	mixed number	87
	simplify	91
	cancellation	91
	improper fraction	92
	conversion (<i>fractions</i>)	96
6	vertex	118
	\sphericalangle (<i>angle symbol</i>)	118
	protractor	119
	degrees (<i>angles</i>) / $^{\circ}$	119
	outer scale (referring to a protractor)	119
	inner scale (referring to a protractor)	120
	8-point compass	127
	direction	127
	north, north-east, east, south-east, south, south-west, west, north-west	127
	clockwise	127
	anti-clockwise	127
7	set-square	133
	horizontal line	139
	vertical line	139
8	not to scale (<i>drawing</i>)	148

Word List

Pupil Textbook 4B

Unit	Vocabulary	Page
9	tenth	8
	decimal	8
	point (<i>decimal</i>)	8
	decimal point	8
	hundredths	14
	thousandths	21
	decimal place	36
	convert	40
11	seconds / s	81
	second hand	81
	12-hour clock	86
	24-hour clock	86
12	composite shape	105
	systematic list	115
13	symmetry / symmetrical	117
	line of symmetry	117
	symmetrical shape	117
14	tessellations	135
	unit shape	135
	modify	143

Word List

Pupil Textbook 5A

Unit	Vocabulary	Page
1	numbers one ten thousand to nine ten thousands (counting on in ten thousands)	2
	hundred thousand (<i>place value</i>)	2
	numbers one hundred thousand to one million (counting on in hundred thousands)	3
	million (<i>place value</i>)	6
	numbers one million to ten million (counting on in steps of one million)	7
	calculator	11
2	order of operations	50
	operation	50
	brackets	54
3	unlike fractions	70
	long division	83
	proper fractions	84
5	base	133
6	ratio	148
	equivalent ratio	155
13	multiplying factor	159
	term	159

Word List

Pupil Textbook 5B

Unit	Vocabulary	Page
7	working backwards	30
9	average	50
	mean	50
	salary	61
10	per cent	64
	percentage	64
	quantity	77
	discount	85
	sale price	85
	usual price	85
	interest rate	87
11	angles on a straight line	92
	angles at a point	97
	vertically opposite angles	102
12	right-angled triangle	117
	isosceles triangle	120
	equilateral triangle	123
	parallelogram	128
	rhombus	133
	trapezium	135
14	solid	155
	cube	155
	face	155
	edge	155
	cuboid	159
	cubic unit	165
	cubic centimetre / cm^3	166
	cubic metre / m^3	168
	cubical	179

Word List

Pupil Textbook 6A

Unit	Vocabulary	Page
1	algebra	2
	unknown number	3
	algebraic expression	3
	denote	4
	substitute	5
3	prism	39
	pyramid	39
	net	43
5	unitary method	109
6	percentage increase	125
	percentage decrease	126

Pupil Textbook 6B

Unit	Vocabulary	Page
7	speed	2
	per	2
	average speed	12
8	radius	29
	radii	29
	centre	29
	pair of compasses	29
	diameter	31
	circumference	32
	π / pi	32/33
	quadrant	35
9	pie chart	53
10	polygon	62
11	square root	78
	cube root	80