

Key vocabulary list

Year 1

Book and unit	Key vocabulary highlighted in this unit	New vocabulary
1A Unit 1	sort group digit count back one more one less matched fewer greater than equal to most least fewest greatest number line	sort group number track digit pattern one more one less matched fewer greater than (>) less than (<) equal to (=) most least fewest greatest number line
1A Unit 2	group part-whole model number sentence	plus part-whole model whole part number sentence
1A Unit 3	altogether in total plus add	altogether add in total count on missing part
1A Unit 4	How many are left? take away subtract count backwards How many more? How many fewer? difference	How many are left? in total taken away subtract part subtraction addition count backwards How many more? How many fewer? difference count on

Power Maths key vocabulary

Book and unit	Key vocabulary highlighted in this unit	New vocabulary
1A Unit 5	3D shape cube cuboid sphere pyramid cylinder cone 2D shape circle triangle rectangle face pattern	3D cube cuboid sphere pyramid cylinder cone 2D circle triangle square rectangle face repeated
1A Unit 6	one more one less order	tens (10s) ones (1s) more fewer order smallest
1B Unit 7	add altogether ones (1s) tens (10s) number bond part-whole	predict
1B Unit 8	subtract take away find the difference How many are left? tens ones number bond part-whole	take away fact family
1B Unit 9	tens ones compare order less than (<) greater than (>)	
1B Unit 10	long, longer, longest short, shorter, shortest tall, taller, tallest length height compare measure	shorter taller longest shortest distance ruler centimetre

Power Maths key vocabulary

Book and unit	Key vocabulary highlighted in this unit	New vocabulary
1B Unit 11	heavier, heaviest lighter, lightest capacity balance scales full empty compare weight, weigh balanced measure estimate	heavier lighter balance scales balanced weigh weight heaviest lightest full empty capacity
1C Unit 12	equal groups array row column double twice	equal groups row array column double twice
1C Unit 13	equal groups share	share
1C Unit 14	half halves quarter	halves half quarter
1C Unit 15	turn half turn quarter turn three-quarter turn whole turn position left right forwards backwards above below top middle bottom up down in between	half turn turn quarter turn three-quarter turn position whole turn left right forwards above top middle bottom below up down in between
1C Unit 16	100 square number square place value grid	100 square number square place value grid

Power Maths key vocabulary

Book and unit	Key vocabulary highlighted in this unit	New vocabulary
1C Unit 17	before after yesterday today tomorrow day week slower faster month year calendar date minute hand hour hand o'clock half past second minute hour	before after yesterday today tomorrow day week date calendar year month minute hand o'clock hour hand hour half past second minute faster slower
1C Unit 18	pound pence coin note pence (p)	pound pence coin note pence (p)

Key vocabulary list

Year 2

Book and unit	Key vocabulary highlighted in this unit	New vocabulary
2A Unit 1	tens ones place value grid partition more fewer fewest greatest smallest	
2A Unit 2	fact family number sentence number bond column 10 more 10 less	10 more 10 less
2A Unit 3	total tens ones subtract difference bar model represent	
2A Unit 4	pound (£) pence (p) coin note change	£ change
2A Unit 5	equal groups multiplication (×) times-table times	multiplication times
2B Unit 6	divide (÷) division share group odd even times-table	divide (÷) even odd
2B Unit 7	tally chart pictogram key	pictogram key

Power Maths key vocabulary

Book and unit	Key vocabulary highlighted in this unit	New vocabulary
2B Unit 8	length centimetre (cm) metre (m) longer shorter metre stick height width compare distance	metre
2B Unit 9	quadrilateral polygon prism hexagon octagon vertex vertices hemisphere symmetry line of symmetry symmetrical curved surface	quadrilateral polygon pentagon hexagon vertex vertices line of symmetry symmetrical octagon hemisphere curved surface edge prism
2B Unit 10	half ($\frac{1}{2}$) quarter ($\frac{1}{4}$) whole third ($\frac{1}{3}$) equivalent equal parts numerator denominator fraction bar non-unit fraction unit fraction	whole equal equal parts $\frac{1}{4}$ $\frac{1}{2}$ fraction denominator fraction bar numerator $\frac{1}{4}$ third ($\frac{1}{3}$) unit fraction non-unit fraction equivalent $\frac{3}{4}$
2C Unit 11	clockwise anticlockwise forwards backwards left right middle turn half turn quarter turn three-quarter turn	anticlockwise clockwise

Power Maths key vocabulary

Book and unit	Key vocabulary highlighted in this unit	New vocabulary
2C Unit 12	number fact calculate mentally bar model number line part-whole model 100 square	partition calculate mentally
2C Unit 13	o'clock half past quarter past quarter to minute hand hour hand duration	quarter past quarter to duration
2C Unit 14	mass balance weighing scales gram (g) kilogram (kg) litre (l) millilitre (ml) volume capacity temperature thermometer degrees Celsius (°C) estimate approximation	mass heavier than lighter than gram (g) hundreds kilogram (kg) volume millilitre (ml) litre (l) temperature degrees Celsius (°C) thermometer

Key vocabulary list

Year 3

Book and unit	Key vocabulary highlighted in this unit	New vocabulary
3A Unit 1	hundreds (100s) tens (10s) ones (1s) place value more less greater than (>) less than (<) equal to order compare estimate exchange	estimate exchange
3A Unit 2	addition subtraction mental method column method exchange	
3A Unit 3	exchange column method mental method estimate approximate digit multiple	multiple approx. approximately
3A Unit 4	equal multiply divide times-table sharing grouping array bar model remainder repeated addition multiplication sentence division statement division fact	multiplication sentence repeated addition division statement times-table remainder division fact

Power Maths key vocabulary

Book and unit	Key vocabulary highlighted in this unit	New vocabulary
3B Unit 5	multiplication division statement number sentence compare more than (>) less than (<) greater than (>) equals (=) equally least most remainder share partition multi-step	
3B Unit 6	pounds (£) and pence (p) convert total difference change	
3B Unit 7	pictogram key bar chart scale table row column vertical axis	bar chart vertical axis scale
3B Unit 8	length height width perimeter distance centimetre (cm) millimetre (mm) metre (m) unit of measurement measure add subtract multiply equivalent convert greater than (>) less than (<) ruler metre stick	m cm millimetre (mm) perimeter

Power Maths key vocabulary

Book and unit	Key vocabulary highlighted in this unit	New vocabulary
3B Unit 9	equal parts whole unit fraction equation integer non-unit fraction numerator denominator represent share group mixed number whole number divide set of objects multiply tenth interval	tenth interval mixed number
3C Unit 10	equivalent numerator denominator compare add subtract fraction whole equivalent fraction greater than (>) less than (<) equal to multiply divide difference inequality statement	equivalent fraction inequality statement
3C Unit 11	month year midnight midday am pm duration estimate consecutive hour minute second past to start end duration digital clock analogue clock	digital ante meridiem (am) post meridiem (pm)

Power Maths key vocabulary

Book and unit	Key vocabulary highlighted in this unit	New vocabulary
3C Unit 12	right angle acute obtuse parallel perpendicular vertical horizontal triangle quadrilateral kite trapezium rhombus parallelogram cuboid triangular prism square-based pyramid cone cylinder sphere edge face vertices clockwise anticlockwise	right angle perpendicular acute obtuse horizontal vertical parallel
3C Unit 13	mass weigh measure scale interval gram (g) kilogram (kg)	
3C Unit 14	capacity litre (l) millilitre (ml) scale interval convert	

Key vocabulary list

Year 4

Book and unit	Key vocabulary highlighted in this unit	New vocabulary
4A Unit 1	tens hundreds thousands rounding order more than (>) less than (<) partition numeral nearest distance	nearest
4A Unit 2	thousands ascending descending rounding negative step multiple greater than (>) less than (<)	step descending ascending
4A Unit 3	addition total more than (>) subtraction less than (<) column method estimate how much strategy efficient accurate exact fact diagram	strategy efficient accurate exact diagram
4A Unit 4	length width perimeter distance rectangle square rectilinear shape centimetre (cm) metre (m) kilometre (km) equivalent to	kilometre (km) equivalent to width around length rectilinear shape

Power Maths key vocabulary

Book and unit	Key vocabulary highlighted in this unit	New vocabulary
4A Unit 5	multiply (\times) divide (\div) multiplication fact division fact lots of groups of times-table array	
4B Unit 6	multiply divide times-table partition array bar model part-whole model remainder factor pair factor commutative	commutative
4B Unit 7	length width area space rectangle square rectilinear shape unit least greatest triangle quadrilateral reflection rotation	area unit
4B Unit 8	tenths hundredths equivalent simplify numerator denominator fraction mixed number improper fraction simplest fraction	hundredth simplest fraction simplify improper fraction
4B Unit 9	numerator denominator add subtract improper fraction mixed number fraction of an amount	

Power Maths key vocabulary

Book and unit	Key vocabulary highlighted in this unit	New vocabulary
4B Unit 10	tens ones decimal point tenths hundredths greater than (>) equivalent less than (<) decimal centimetre millimetre	decimal decimal point
4C Unit 11	tenths hundredths decimal point 0.1 and 0.01 equivalent whole number rounding greater than (>) less than (<) equal to (=) order compare convert decimal place ascending descending	
4C Unit 12	notes coins pounds (£) pence (p) add subtract change round to the nearest order greater than (>) less than (<) cheaper more expensive estimate over estimate under estimate total notation	over estimate under estimate

Power Maths key vocabulary

Book and unit	Key vocabulary highlighted in this unit	New vocabulary
4C Unit 13	convert compare unit of time second minute hour day week month year 12-hour 24-hour analogue digital am/pm	unit of time analogue 24-hour time
4C Unit 14	data line graph pictogram bar chart table altogether more than (>) greatest smallest continuous data compare	line graph continuous
4C Unit 15	quadrilateral triangle regular irregular interior angle angle acute obtuse reflect right angle symmetrical isosceles scalene equilateral line of symmetry reflective symmetry	interior angle regular irregular isosceles scalene equilateral reflective symmetry

Power Maths key vocabulary

Book and unit	Key vocabulary highlighted in this unit	New vocabulary
4C Unit 16	position horizontal vertical up down left right coordinates square rectangle plot vertex vertices point grid	grid coordinates

Key vocabulary list

Year 5

Book and unit	Key vocabulary highlighted in this unit	New vocabulary
5A Unit 1	ones (1s) tens (10s) hundreds (100s) thousands (1,000s) ten thousands (10,000s) place value partition estimate round compare order equivalent greater than (>) less than (<) convert	
5A Unit 2	ones (1s) tens (10s) hundreds (100s) thousands (1,000s) ten thousands (10,000s) hundred thousands (100,000s) million (1,000,000) round order ascending descending less than (<) greater than (>) sequence	million
5A Unit 3	add subtract ones (1s) tens (10s) hundreds (100s) thousands (1,000s) ten thousands (10,000s) mentally inverse round estimate distance chart	distance chart

Power Maths key vocabulary

Book and unit	Key vocabulary highlighted in this unit	New vocabulary
5A Unit 4	graph line graph table dual line graph horizontal vertical two-way table scale axis/axes data kilometre (km) kilogram (kg) plot/plotted tallies/tally digits	two-way table dual line graph
5A Unit 5	prime number composite number square number cube number square (²) cube (³) inverse operation multiply divide multiple factor prime factor	factor prime number composite number square number cube number inverse operation
5A Unit 6	perimeter distance area space length width centimetre square centimetre (cm ²) metre square metre (m ²) scale compare estimate formula 2D shape brackets	brackets square metre (m ²) square centimetre (cm ²)
5B Unit 7	multiply divide add subtract place value partition equal factor multiple remainder sum total	

Power Maths key vocabulary

Book and unit	Key vocabulary highlighted in this unit	New vocabulary
5B Unit 8	equivalent numerator denominator whole fraction simplify expand division improper mixed number convert sequence order greater than ($>$) less than ($<$) equal to ($=$)	
5B Unit 9	add subtract proper fraction improper fraction convert simplify equivalent fraction mixed number denominator numerator whole efficient common denominator	common denominator
5B Unit 10	multiply proper fraction improper fraction mixed number whole(s) equal parts divide fraction of an amount operator numerator denominator convert	
5B Unit 11	decimal decimal place tenth hundredth thousandth decimal point place value digit fraction per cent (%) percentage	thousandth one decimal place two decimal places per cent (%)

Power Maths key vocabulary

Book and unit	Key vocabulary highlighted in this unit	New vocabulary
5C Unit 12	add subtract decimal tenth hundredth thousandth multiply divide decimal point whole column exchange place value decimal place digit	
5C Unit 13	angle whole turn right angle acute angle obtuse angle reflex angle degree ($^{\circ}$) interior angle clockwise anticlockwise orientation	degree ($^{\circ}$) interior angle
5C Unit 14	parallel perpendicular angle right angle interior angle quadrilateral view regular irregular 3D shape pyramid sphere cone hexagon pentagon triangle top view plan view side view	top view plan view side view
5C Unit 15	reflection translation vertex vertices coordinates mirror line horizontal axis vertical axis	mirror line translation

Power Maths key vocabulary

Book and unit	Key vocabulary highlighted in this unit	New vocabulary
5C Unit 16	convert metric unit imperial unit kilo kilogram gram millimetre centimetre metre kilometre litre millilitre pound (lb) ounce (oz) inch (in) foot (ft) yard (yd) pint gallon stone (st) approximately	'kilo' 'milli' inch (in) foot (ft) imperial unit yard (yd) pound (lb) ounce (oz) stone (st) pint gallon
5C Unit 17	volume cube cuboid 3D shape solid capacity calculate estimate unit cube least greatest	volume unit cube

Key vocabulary list

Year 6

Book and unit	Key vocabulary highlighted in this unit	New vocabulary
6A Unit 1	ten thousands (10,000s) hundred thousands (100,000s) millions (1,000,000s) ten million (10,000,000) place value partition interval estimate compare order rounding negative positive	
6A Unit 2	column addition column multiplication short division long division remainder factor estimate	long division
6A Unit 3	factor common factor common multiple prime composite squared (²) cubed (³) order of operations brackets inverse operation	order of operations
6A Unit 4	numerator denominator common denominator common factor equivalent simplify simplest form factor highest common factor lowest common multiple (LCM) compare order ascending descending proper fraction improper fraction mixed number convert lowest common denominator	common factor highest common factor lowest common multiple (LCM) lowest common denominator

Power Maths key vocabulary

Book and unit	Key vocabulary highlighted in this unit	New vocabulary
6A Unit 5	numerator denominator whole number mixed number proper fraction improper fraction convert simplify	
6A Unit 6	quadrant four quadrants translate translation x-axis y-axis axis axes horizontal vertical vertex reflect reflection	quadrant reflect translate
6B Unit 7	multiply divide decimal decimal place (dp) recurring decimal placeholder place value tenth hundredth thousandth product fraction	recurring decimal
6B Unit 8	per cent (%) percentage part whole decimal fraction divide share multiply convert compare order equivalent fraction simplify less than (<) greater than (>)	

Power Maths key vocabulary

Book and unit	Key vocabulary highlighted in this unit	New vocabulary
6B Unit 9	sequence rule term algebra expression calculation formula substitute generalise operation calculate equation inverse solution	rule expression substitute formula equation
6B Unit 10	metric imperial unit of measurement (or measure) gram (g) kilogram (kg) pound (lbs) ounce (oz) mass millilitre (ml) litre (l) pint capacity millimetre (mm) centimetre (cm) metre (m) kilometre (km) inch (in) foot (ft) yard (yd) mile length convert conversion table conversion graph	conversion table conversion graph
6B Unit 11	area volume perimeter parallelogram height enclosed width length square centimetre (cm ²) square metre (m ²) base estimate formula compound shape cubic centimetre (cm ³) cubic metre (m ³)	compound shape cubic centimetre (cm ³)

Power Maths key vocabulary

Book and unit	Key vocabulary highlighted in this unit	New vocabulary
6B Unit 12	ratio proportion part whole scale scale factor similar notation	ratio scale factor similar
6C Unit 13	degree angle obtuse acute reflex right angle protractor triangle isosceles equilateral scalene regular polygon quadrilateral parallelogram kite rhombus trapezium diameter radius circumference concentric perimeter net pyramid tetrahedron cylinder prism vertically opposite angles cuboid cube	vertically opposite angles radius concentric diameter circumference net tetrahedron
6C Unit 14	partition estimate round compare equivalent percentage ratio proportion convert common denominator coordinates translation reflection vertex scaling isosceles triangle	scaling

Power Maths key vocabulary

Book and unit	Key vocabulary highlighted in this unit	New vocabulary
6C Unit 15	mean average pie chart segment line graph bar chart percentage fraction data	average mean pie chart segment