## Mathematical Vocabulary

Vocabulary aligns with Maths, No Problem! (MNP) curriculum programme.

Chapters for KS1/KS2 on this document identify the vocabulary taught and used during each chapter of MNP learning. All vocabulary can be found in the left column, with new vocabulary identified and highlighted in the right column. EYFS do not use MNP. The EYFS mathematical vocabulary is identified within the term it is introduced.

## Navigating this document:

Use shortcut 'ctrl-f' to search for and find a chapter, topic or keyword. This will then identify where it is taught and where it first appears.

EYFS Mathematical Vocabulary

| Nursery |  |  |
| :---: | :---: | :---: |
| Autumn Term | Spring Term | Summer Term |
| Count, group, lots, more, same, less. <br> Pattern. <br> Circle, triangle, rectangle, square, round, pointy, spotty, stripy Shape, big, small, in, out, on. | More, than, fewer. <br> Corners, straight, line, bend, curve. <br> Under, behind, in front of. <br> Empty, full, bigger, smaller <br> First, before. | Cube, cylinder, faces. Top, bottom. Long, short, tall. |
| Reception |  |  |
| Autumn Term | Spring Term | Summer Term |
| More, less, greater, fewer, total, altogether, makes, equals, set, part, whole. <br> Unit of repeat, continue, oval, hexagon, semi-circle, sides, corners, cube, cuboid, cylinder, faces, vertices, edges, length, height, weight, large, thick, thin, wide, narrow | Pattern, draw, unit of repeat <br> Far apart, close to, next to. <br> Measure, first, second, third, then, next, after, later, before. <br> Plus one, pyramid, sphere. <br> Fair, unfair, same, different. | Group, set, part, whole, double. Same as, equal to, more than, greater than, less than, fewer than. Odd, even, double, half, fair, unfair, equal, unequal, greater, more, less, fewer. |

## Year 1 Mathematical Vocabulary

| Text book 1A |  |  |
| :---: | :---: | :---: |
| Book and Chapter | Key Vocabulary in the Chapter | New Vocabulary in this Chapter |
| Textbook 1A Chapter 1 | numbers 0-10 <br> digit count forwards count backwards ten frame even numbers odd numbers take away counting on counting back more than less than fewer as many as equal to greater, greatest smaller, smallest more, more than less, less than 1 more <br> 1 less | even numbers odd numbers |
| Textbook 1A Chapter 2 | number bond How many? <br> break apart the same as part, part, whole greater smaller number story | number bond |
| Textbook 1A Chapter 3 | number sentence <br> part, part, whole <br> number bond, number bond diagram plus sign plus add equals equals sign addition equation addition fact altogether count on, counting on addition greater number in total altogether addition story | plus add equals |
| Textbook 1A Chapter 4 | How many are left? crossing out taking away subtraction equation number sentence minus subtract equals number bond, number bond diagram part, part, whole count back, counting backwards subtraction number/subtraction story number/subtraction sentence addition story addition fact subtraction fact addition and subtraction fact family | minus subtract |
| Textbook 1A Chapter 5 | first/1st second/2nd third/3rd fourth/4th fifth/5th sixth/6th seventh/7th eighth/8th ninth/9th tenth/10th before after last between left right next to from |  |
| Textbook 1A Chapter 6 | numbers 11-20 making 10 counting on from 10 in total altogether more, more than fewer, fewer than pattern, number pattern less than smaller, smallest greater, greatest <br> 1 more 1 less growing pattern increasing, increases decreasing, decreases | more, more than fewer, fewer than |
| Textbook 1A Chapter 7 | add counting on greater, greatest <br> in total, total <br> make 10 plus equals <br> number bond, number bond diagram ten frame <br> altogether/total How many are left? subtract minus <br> First, Then, Now <br> number bond, number bond diagram <br> break apart a number subtract the ones <br> addition and subtraction fact family |  |
| Textbook 1A Chapter 8 | 3D shape cube cuboid sphere pyramid solid object <br> 2D shape <br> circle square triangle rectangle corners sides pattern | corners <br> sides |


| Text book 1A |  |  |
| :--- | :--- | :--- |
| Book and Chapter | Key Vocabulary in the Chapter | New Vocabulary in this Chapter |
| Textbook 1A Chapter 9 | height length <br> tall, taller, tallest short, shorter, shortest long, <br> longer, longest measure, measuring width wide long <br> tall <br> width wide <br> unit(s) centimetre(s) | tall, taller, tallest short, shorter, <br> shortest long, longer, longest |

## Text book 1B

| Book and Chapter | Key Vocabulary in the Chapter | New Vocabulary in this Chapter |
| :---: | :---: | :---: |
| Textbook 1B Chapter 10 | numbers 1-40 <br> tens ones <br> Count in tens. Count in <br> ones. <br> numbers 1-40 in numerals and words <br> digit <br> compare more <br> than less than <br> greatest smallest <br> How many more? number pattern |  |
| Textbook 1B Chapter 1 | how many are left? how many are there altogether? part whole addition subtraction word problem how many more? <br> count on how many altogether? <br> number bond fewer more add subtract find the difference how many more difference between number line make 10 total altogether |  |
| Textbook 1B Chapter 12 | equal groups equal <br> How many are in each group? <br> groups twos <br> fives tens <br> row <br> array <br> How many are there altogether? <br> double twice the amount ten <br> frame <br> How many in total? |  |
| Textbook 1B Chapter 13 | groups equal equal groups divide share share equally |  |
| Textbook 1B Chapter 14 | whole half/halves share equally equal parts quarter/quarters fourths |  |


| Text book 1B |  |  |  |  |  |  | New Vocabulary in this Chapter |
| :--- | :--- | :--- | :---: | :---: | :---: | :---: | :---: |
| Book and Chapter | Key Vocabulary in the Chapter |  |  |  |  |  |  |
| Textbook 1B Chapter 15 | numbers 1-100 tens <br> ones number bonds <br> number bond diagram <br> onesnumber bonds <br> digit <br> 2-digit number place-value chart number line more <br> than less/fewer than smallest greatest pattern 100- <br> square number chart forwards backwards greater <br> smaller |  |  |  |  |  |  |
| Textbook 1B Chapter 16 | time hour hand <br> minute hand <br> o'clock <br> morning <br> afternoon <br> evening night <br> half past first <br> next before <br> after <br> second <br> minute hour <br> day week <br> lasts duration <br> quicker slower <br> earlier <br> later <br> days of the week <br> months of the year weekday weekend month year <br> last | quicker <br> slower <br> before |  |  |  |  |  |
| Textbook 1B Chapter 19 |  |  |  |  |  |  |  |


| Text book 2A |  |  |
| :---: | :---: | :---: |
| Book and Chapter | Key Vocabulary in the Chapter | New Vocabulary in this Chapter |
| Textbook 2A Chapter 1 | numbers to 100 in numerals and in words counting forwards counting backwards counting in tens tens ones number bond, number bond diagram placevalue chart <br> number line greater, greatest <br> smaller, smallest more than <br> less than equal to <br> approximate position tens ones place-value chart pairs 2 more <br> 2 less <br> 10 more 10 less counting on counting back increases, increasing decreases, decreasing number pattern, pattern 5 more <br> 5 less <br> 3 more <br> 3 less <br> 100-square |  |
| Textbook 2A Chapter 2 | altogether ones tens $\qquad$ and $\qquad$ make $\qquad$ . addition equation counting on (in ones) add add the ones add the tens plus equals number line <br> number bond, number bond diagram breaking up/partitioning a number column, column method total renaming rename 10 ones as 1 ten column method addition equation counting back taking away ones tens subtract subtract the ones subtract the tens minus left equals number bond, number bond diagram breaking up/partitioning a number making 10 double |  |
| Textbook 2A Chapter 3 | total equal groups groups of times equals multiply multiplication sign altogether <br> How many groups? How many in each group? counting in twos equation, multiplication equation multiplication equation double counting in fives counting in tens equal to array |  |
| Textbook 2A Chapter 4 | equal groups groups of grouping <br> How many groups? divide equals division equation sharing sharing equally <br> How many in each group? <br> groups of 22 equal groups multiply groups of 55 equal groups groups of 1010 equal groups multiplication fact division fact | division equation |


| Text book 2A |  |  |
| :--- | :--- | :--- |
| Book and Chapter | Key Vocabulary in the Chapter | New Vocabulary in this Chapter |
|  | $\begin{array}{l}\text { multiplication and division fact family even number } \\ \text { odd number }\end{array}$ | $\begin{array}{l}\text { Textbook 2A Chapter 5 } \\ \end{array} \begin{array}{l}\text { metre unit more than less than longer shorter } \\ \text { centimetre longest shortest greater than estimate } \\ \text { centimetres sum } \\ \text { difference bar model addition multiplication wide } \\ \text { width long length total } \\ \text { metres }\end{array}$ |
| Textbook 2A Chapter 6 | $\begin{array}{l}\text { kilogram/kg mass weight balance scales dial scales more than greater than } \\ \text { longest shortest estimate }\end{array}$ |  |
| digital scales pointer more than less than about |  |  |
| heavier lighter |  |  |
| grams/g as heavy as heavier than lighter than |  |  |
| compare weighs kilograms/kg heaviest lightest add |  |  |
| subtract |  |  |
| total |  |  |
| bar model/model group equal multiply divide single |  |  |\(\left.\quad \begin{array}{l}mass <br>

heavier lighter <br>
grams/g heaviest lightest\end{array}\right\}\)

| Text book 2 |  |  |
| :--- | :--- | :--- |
| Book and Chapter | Key Vocabulary in the Chapter | New Vocabulary in this Chapter |
| Textbook 2B Chapter 9 | more word problem <br> bar model <br> altogether the rest <br> total less fewer <br> equation addition <br> subtraction guess- <br> and-check <br> difference <br> sum |  |
| Textbook 2B Chapter 10 | money |  |
|  | penny | penny |
|  | pence |  |
| pound $\mathrm{p} £$ | pence |  |
| pound |  |  |
| p |  |  |


| Text book 2 |  |  |
| :---: | :---: | :---: |
| Book and Chapter | Key Vocabulary in the Chapter | New Vocabulary in this Chapter |
|  | note coin <br> amount <br> more <br> greater equal <br> fewer less <br> count count <br> on enough <br> correct <br> exchange <br> same total <br> value <br> compare <br> costs arrange <br> order least <br> total cost buy <br> pay change <br> spent left <br> check solve more than less than altogether <br> cost spend <br> possible share <br> equally <br> explain <br> name show <br> calculate | £ |
| Textbook 2B Chapter 11 |  | quadrilateral polygon vertex line of symmetry clockwise anticlockwise |
| Textbook 2B Chapter 12 | cube cuboid sphere face <br> surface <br> cylinder cone prism pyramid edge vertex vertices size orientation | face cylinder cone prism |


| Text book 2 |  |  |
| :---: | :---: | :---: |
| Book and Chapter | Key Vocabulary in the Chapter | New Vocabulary in this Chapter |
| Textbook 2B Chapter 13 | equal parts one half halves whole one quarter one fourth fraction three quarters three fourths one third numerator denominator unit fraction thirds quarters half quarter third | unit fraction |
| Textbook 2B Chapter 14 | minute hand hour hand $\qquad$ o'clock $\qquad$ minutes past <br> after half past $\qquad$ <br> quarter past $\qquad$ <br> minutes to $\qquad$ before <br> quarter to $\qquad$ morning afternoon evening earliest latest first <br> next last $\qquad$ <br> o'clock half <br> past duration $\qquad$ o'clock <br> greater longer most <br> least | quarter to $\qquad$ quarter past $\qquad$ half past |
| Textbook 2B Chapter 15 | volume greatest <br> least greater <br> than less than 1 <br> unit/units <br> litre (I) <br> more than <br> millilitre <br> capacity <br> litre |  |

## Year 3 Mathematical Vocabulary

| Text book 3A |  |  |
| :---: | :---: | :---: |
| Book and Chapter | Key Vocabulary in the Chapter | New Vocabulary in this Chapter |
| Textbook 3A Chapter 1 | ones tens hundreds thousands equal to total number bond, number bond diagram 2-tiered part-whole diagram divided into equal parts 20s (twenties), 25s (twenty-fives) and 50s (fifties) place value place-value chart placevalue cards greater/more than smaller/less than smaller, smallest greater, greatest estimate 50s (fifties) multiple number pattern 1 more <br> 1 less <br> 10 more <br> 10 less <br> 100 more 100 less fours eights 4 more <br> 8 more |  |
| Textbook 3A Chapter 2 (continued) | renaming 10 ones to 1 ten and ten 10 s to 1 hundred $\qquad$ ones + $\qquad$ ones $=$ $\qquad$ ones $\qquad$ tens + $\qquad$ tens = $\qquad$ tens $\qquad$ hundreds + $\qquad$ hundreds = $\qquad$ hundreds renaming 10 tens to 1 hundred renaming 10 ones to 1 ten count back in ones <br> 1 less number bond count back in tens 10 less count back in hundreds 100 less subtract ones subtract tens Subtract hundreds rename place-value columns bar model labels part-whole bar model equation comparison model |  |
| Textbook 3A Chapter 4 | counting in tens counting in twenties multiplying ones multiplying tens rename a 2-digit number as tens and ones number bonds product rename 10 ones as 1 ten showing 2-digit numbers using base 10 materials dividing ones dividing tens divisor multiples of 10 number bond 2 times as many twice as many equal parts <br> 1 unit | - |
| Textbook 3A Chapter | length centimetres metres measure unit of measurement millimetres distance converting metres to centimetres converting centimetres to metres <br> 3 times 4 times5 times units long division number bond 4 times as high bar model division multiplication | millimetres |
| Textbook 3A Chapter 6 | mass <br> heavy/heavier/heaviest <br> light/lighter/lightest scales weigh kilograms/kg <br> grams/g 200-g mass estimate total mass word | scales |


| Text book 3A |  |  |
| :--- | :--- | :--- |
| Book and Chapter | Key Vocabulary in the Chapter | New Vocabulary in this Chapter |
|  | problem bar model addition subtraction twice <br> as much_t_ times the mass multiplication <br> division __ | volume <br> millilitres/ml litres/l <br> measure <br> liquid capacity container bar model less than <br> more than <br> (twice) as much as three times as much |
| Textbook 3A Chapter 7 volume capacity |  |  |


| Text book 2 |  |  |
| :---: | :---: | :---: |
| Book and Chapter | Key Vocabulary in the Chapter | New Vocabulary in this Chapter |
| Textbook 3B Chapter 8 | amount count <br> on pounds <br> pence coins <br> notes money <br> total <br> add column <br> method price <br> greater subtract <br> difference more <br> more (than) change bar model less |  |
| Textbook 3B Chapter 9 | morning <br> evening <br> afternoon <br> night a.m. <br> p.m. midnight <br> noon hour <br> hand <br> o'clock minute <br> past <br> to <br> Roman numerals second duration start time end time calendar day week month year leap year | leap year |
| Textbook 3B Chapter 10 | data pictogram scale <br> tally chart bar <br> graph |  |
| Textbook 3B Chapter 11 | fraction whole tenth division divide share whole number set part equivalent numerator denominator greater (than) less (than) |  |


| Text book 2 |  |  |
| :--- | :--- | :--- |
| Book and Chapter | Key Vocabulary in the Chapter | New Vocabulary in this Chapter |
|  | smaller <, > <br> addition <br> sum <br> subtraction left/remaining | right angle acute angle obtuse angle |
| Textbook 3B Chapter 12 | straight line angle <br> point amount of <br> turn <br> right angle shape sides acute angle obtuse angle turn <br> quarter half three quarters clockwise anticlockwise | perpendicular vertical |
| Textbook 3B Chapter 13 | straight line point <br> angle right angle <br> perpendicular <br> parallel <br> horizontal <br> vertical two- <br> dimensional shape <br> cm <br> quadrilateral three dimensional prism edge end face <br> vertices cube cuboid | 2D shape <br> length total <br> side <br> cm <br> perimeter square <br> rectangle |
| Textbook 3B Chapter 14 |  |  |

## Year 4 Mathematical Vocabulary

| Text book 4A |  |  |
| :---: | :---: | :---: |
| Book and Chapter | Key Vocabulary in the Chapter | New Vocabulary in this Chapter |
| Textbook 4A Chapter 1 | numbers to 1000 in numerals and in words tens twenty-fives <br> fifties <br> hundreds <br> thousands <br> numbers to 10000 in numerals and in <br> words ones <br> digit ones <br> place tens <br> place hundreds <br> place <br> thousands <br> place place <br> value number <br> bonds greater <br> than more <br> than greatest <br> smallest <br> smaller than <br> less than <br> 100/10/1 <br> more/less <br> number pattern <br> 1000 more than <br> 1000 less than <br> rounding the <br> nearest 1000 <br> exactly half way <br> closer to <br> round to the nearest 10,100 or 1000 <br> approximately equal to round to the nearest 10 <br> estimate number line rounded to the nearest <br> 10 , nearest 100 . approximate total mass | approximately equal to |
| Textbook 4A Chapter 2 | add sum total how many are there altogether? <br> base 10 materials place-value counters ones tens hundreds renaming place value thousands rename estimate approximately round to the nearest 100 round to the nearest 1000 find the sum how much altogether? calculate mentally make 10 make 100 calculate calculation equation mentally 1 less/2 less/ 3 less round method difference find the difference | place-value counters |


| Text book 4A |  |  |
| :--- | :--- | :--- |
| Book and Chapter | Key Vocabulary in the Chapter <br> subtract addition <br> lheck word problem <br> understand the <br> problem <br> form a plan action the plan check the answer <br> altogether | New Vocabulary in this Chapter |
| Textbook 4A Chapter 3 | lount on sixes <br> sevens nines <br> multiple <br> multiply times <br> table number <br> pattern multiple <br> repeated <br> addition threes <br> double <br> commutativity <br> half sharing <br> grouping <br> division <br> divide <br> quotient <br> dividend <br> divisor <br> divided by <br> equal <br> groups <br> inverse <br> multiplication and division fact <br> family remainder odd <br> even <br> multiplication <br> add <br> subtract <br> combinations <br> possibilites <br> guess and check method |  |

## Text book 4A

| Book and Chapter | Key Vocabulary in the Chapter | New Vocabulary in this Chapter |
| :--- | :--- | :--- |
| Textbook 4A Chapter 4 | multiply <br> multiplication <br> product zero <br> decrease <br> multiplication story <br> divide division <br> dividend divisor |  |
| quotient |  |  |
| commutative |  |  |
| commutativity |  |  |
| multiple of 10 ten |  |  |
| times greater than |  |  |
| method tens |  |  |
| repeated addition |  |  |
| ones |  |  |
| partition |  |  |
| place value |  |  |
| renaming |  |  |
| multiple of |  |  |
| 100 hundreds |  |  |
| 100 times greater than |  |  |
| mass |  |  |
| distance |  |  |
| price |  |  |
| hundred |  |  |
| sharing |  |  |
| grouping |  |  |
| repeated subtraction |  |  |
| remainder equation |  |  |
| word problem |  |  |
| understand the |  |  |
| problem |  |  |
| forma a plan |  |  |
| action the plan |  |  |
| check the |  |  |
| answer |  |  |
| times as much |  |  |
| unit |  |  |
| volume bar |  |  |
| model_times |  |  |
| as much |  |  |$\quad$|  |
| :--- |
| Textbook 4A Chapter 6 |


| Text book 4A |  |  |
| :---: | :---: | :---: |
| Book and Chapter | Key Vocabulary in the Chapter | New Vocabulary in this Chapter |
|  | back tenths <br> eighths mixed <br> number whole <br> number proper <br> fraction improper <br> fraction count in <br> eighths thirds <br> quarters <br> fifths <br> count on <br> numerator <br> denominator <br> equivalent <br> compare <br> simplify <br> add <br> sum <br> $\gg,<,=$ greater <br> than less than <br> equal to <br> subtract count <br> backwards <br> divide |  |
| Textbook 4A Chapter 7 | time <br> 12-hour clock <br> 24-hour clock <br> a.m. <br> p.m. midnight <br> midday noon <br> departure time <br> arrival time start <br> time end time <br> minutes/min <br> hours/h seconds/s <br> duration estimate <br> convert <br> seconds/sec days <br> weeks months <br> years | 12-hour clock <br> 24-hour clock |

Text book 2

| Book and Chapter | Key Vocabulary in the Chapter | New Vocabulary in this Chapter |
| :--- | :--- | :--- |
| Textbook 4B Chapter 8 | ones tenths <br> decimal decimal <br> point ones/wholes <br> mixed number <br> hundredths tens <br> number pattern <br> greater than less <br> than <br> approximately equal to round down round up <br> numerator denominator equivalent fractions | decimal point |


| Text book 2 |  |  |
| :---: | :---: | :---: |
| Book and Chapter | Key Vocabulary in the Chapter | New Vocabulary in this Chapter |
| Textbook 4B Chapter 9 | tenths decimal <br> decimal point <br> decimal place pounds pence hundredths greater than less than round down round up estimate |  |
| Textbook 4B Chapter 10 | metre centimetre decimal kilometre estimate gram millilitre litre | - |
| Textbook 4B Chapter 11 | centimetre <br> metre <br> perimeter <br> quadrilateral <br> rectangle area <br> square units <br> length breadth |  |
| Textbook 4B Chapter 12 | angle right angle acute angle obtuse angle quadrilateral equilateral triangle isosceles triangle scalene triangle parallel square rectangle rhombus parallelogram trapezium kite symmetrical line of symmetry regular | equilateral triangle isosceles triangle scalene triangle kite |
| Textbook 4B Chapter 13 | ```x-axis y-axis coordinates vertex isosceles triangle right-angled triangle scalene triangle translation``` | translation coordinates |
| Textbook 4B Chapter 14 | Roman numerals numeral system | Roman numerals numeral system |

## Year 5 Mathematical Vocabulary



| Text book 5A |  |  |
| :---: | :---: | :---: |
| Book and Chapter | Key Vocabulary in the Chapter | New Vocabulary in this Chapter |
| Textbook 5A Chapter 3 |  | factor prime number square number cube number |
| Textbook 5A Chapter 4 | multiply <br> divide <br> understand the problem <br> form a plan action a plan check your answer _ times as much as bar model reasonable |  |
| Textbook 5A Chapter 5 | duration <br> hour <br> minute a.m. <br> p.m. <br> 24-hour time <br> start time end <br> time midday <br> line graph <br> slope axis <br> increased <br> decreased <br> horizontal |  |


| Text book 5A |  |  |
| :---: | :---: | :---: |
| Book and Chapter | Key Vocabulary in the Chapter | New Vocabulary in this Chapter |
|  | axis/axes key <br> table <br> steepest line <br> increase <br> decrease <br> trend volume <br> millilitres |  |
| Textbook 5A Chapter 6 | mixed number <br> whole number <br> proper fraction <br> improper <br> fraction <br> numerator <br> denominator <br> division equal <br> pieces <br> equally whole <br> quarters <br> fifths equivalent <br> equal parts <br> equivalent <br> fractions half <br> quarter sixth <br> hundredth <br> divide into <br> common denominator compare order greatest <br> smallest <br> greater than <br> less than <br> equal number <br> pairs fractions <br> share equally <br> add <br> fraction <br> simplify <br> sum <br> find the difference <br> subtract $\qquad$ times as much <br> multiply <br> sum |  |

## Text book 2

| Book and Chapter | Key Vocabulary in the Chapter | New Vocabulary in this Chapter |
| :--- | :--- | :--- |
| Textbook 5B Chapter 7 | tenths hundredths <br> thousandths decimal <br> decimal point |  |
| hundredths thousandths |  |  |
| greater than |  |  |
| smaller/less than less |  |  |$\quad$


| Text book 2 |  |  |
| :---: | :---: | :---: |
| Book and Chapter | Key Vocabulary in the Chapter | New Vocabulary in this Chapter |
|  | than greatest smallest <br> lightest longer/longest <br> fraction numerator denominator equivalent value total difference ones column method decimal place perimeter estimate round/rounded/rounding |  |
| Textbook 5B Chapter 8 | per cent percentage fraction hundredth decimal | per cent |
| Textbook 5B Chapter 9 | acute angle <br> right angle <br> obtuse angle <br> reflex angle <br> protractor <br> degrees vertex <br> quadrilateral <br> rectangle <br> square <br> parallel internal <br> angle external <br> angle diagonal <br> polygon regular <br> polygon irregular <br> polygon triangle <br> equilateral triangle pentagon decagon | protractor degrees diagonal regular polygon irregular polygon pentagon decagon |
| Textbook 5B Chapter 10 | $x$-axis $y$-axis <br> coordinates $x$ - <br> coordinate $y$ - <br> coordinate <br> translation/translate <br> reflection/reflect <br> mirror line image <br> horizontal vertical | mirror line |
| Textbook 5B Chapter 11 | centimetre <br> millimetre <br> metre <br> kilometre <br> mass gram <br> kilogram volume <br> litre <br> millilitre <br> inch <br> foot/feet <br> yard mile <br> ounce <br> pound <br> pint gallon pounds day hour minutes second temperature degrees Celsius thermometer | yard <br> ounce <br> pint gallon |
| Textbook 5B Chapter 12 | rectangle <br> square <br> perimeter |  |


| Text book 2 |  |  |
| :--- | :--- | :--- |
| Book and Chapter | Key Vocabulary in the Chapter | New Vocabulary in this Chapter |
|  | length <br> breadth area <br> square centimetre square metre right angle <br> parallel perpendicular estimate square unit scale <br> scale drawing |  |
| Textbook 5B Chapter 13 | volume <br> cubic units cubic <br> centimetre cubic <br> metre cuboid <br> length breadth <br> height <br> litre <br> millilitre <br> capacity |  |
| Textbook 5B Chapter 14 | Roman <br> numeral |  |

Year 6 Mathematical Vocabulary

| Text book 6A |  |  |
| :---: | :---: | :---: |
| Book and Chapter | Key Vocabulary in the Chapter | New Vocabulary in this Chapter |
| Textbook 6A Chapter 1 | ones tens <br> hundreds <br> thousands ten <br> thousands <br> hundred thousands <br> millions place value <br> greatest smallest <br> greater than less <br> than largest greater, <br> greatest smaller, <br> smallest estimate <br> rounded to the nearest 1000000 <br> approximate, approximately <br> rounded to the nearest $1000000,100000,10000$, <br> 1000 and 100 |  |
| Textbook 6A Chapter 2 | operation calculation <br> add/addition <br> subtract/subtraction <br> multiply/multiplication <br> divide/division mixed <br> operation calculation <br> bracket multiply <br> product partition <br> estimate ones tens <br> hundreds thousands ten thousands <br> hundreds thousands <br> digit multiple of <br> 10 <br> double <br> half ten <br> approximately equal to <br> expression reasonable <br> guess 4-digit number <br> greatest possible product <br> smallest possible product <br> divide quotient bar model <br> divides equally <br> groups of <br> remainder <br> repeated division <br> method <br> calculate <br> division <br> divided word <br> problem <br> understand the problem <br> form a plan <br> action a plan <br> unit addition | repeated division common multiple |


| Text book 6A |  |  |  |  |  |  | Key Vocabulary in the Chapter | New Vocabulary in this <br> Chapter |
| :--- | :--- | :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Book and Chapter | subtraction <br> multiplication <br> word problem <br> check the answer <br> left over multiple <br> common multiple <br> multiplication facts equal <br> number lowest common <br> multiple factor common <br> factor greatest common <br> factor <br> array even numbers whole numbers prime <br> numbers composite number odd even |  |  |  |  |  |  |  |
| Textbook 6A Chapter 3 | fractions <br> numerator <br> denominator equal <br> parts equivalent <br> simplify <br> common factor <br> in its simplest form fraction proper fraction <br> compare bar model order greatest smallest <br> improper fraction lowest common multiple <br> common denominator mixed number greater than <br> add <br> subtract <br> heavier/heaviest <br> lighter/lightest <br> total mass <br> volume mass <br> total multiply <br> simplest form <br> commutative <br> whole number <br> divide quotient product |  |  |  |  |  |  |  |
| Textbook 6A Chapter 4 | decimal ones <br> tenths <br> hundredths <br> thousandths <br> place value <br> metres <br> kilograms <br> litres <br> mass <br> fraction kilometres <br> distance simplest form <br> approximate position <br> decimal place <br> decimal point <br> approximately equal to <br> renaming <br> multiply 3 times greater <br> number bonds long |  |  |  |  |  |  |  |


| Text book 6A |  |  |
| :---: | :---: | :---: |
| Book and Chapter | Key Vocabulary in the Chapter | New Vocabulary in this Chapter |
|  | division divide divided equally regrouping |  |
| Textbook 6A Chapter 5 | units of measurement millimetres <br> centimetres convert <br> compare <br> divide by 10 <br> multiply by 10 <br> length width <br> perimeter metres <br> divide by 100 <br> multiply by 100 <br> kilometres divide <br> by 1000 multiply <br> by 1000 distance <br> miles multiply by <br> 1.6 multiply by <br> 0.62 <br> approximately equal <br> grams kilograms <br> mass <br> millilitres litres <br> hours minutes seconds decimal fraction multiply divide time |  |
| Textbook 6A Chapter 6 | ```add subtract multiply divide four times as much unit understand the problem form a plan action the plan check your answer How much change? bar model mass fraction action a plan shared equally remainder``` |  |


| Text book 2 |  |  |
| :--- | :--- | :--- |
| Book and Chapter | Key Vocabulary in the Chapter | New Vocabulary in this <br> Chapter |
| Textbook 6B Chapter 7 | percentage percentage change round greater <br> than less than |  |
| Textbook 6B Chapter 8 | simplified ratio simplified |  |
| Textbook 6B Chapter 9 | to stand for consecutive algebraic expression <br> input number output number substitute <br> evaluate formula formulae stands for equation <br> variable | consecutive evaluate variable |


| Text book 2 |  |  |
| :---: | :---: | :---: |
| Book and Chapter | Key Vocabulary in the Chapter | New Vocabulary in this Chapter |
| Textbook 6B Chapter 10 | length breadth perimeter area perpendicular base height formula parallel parallelogram |  |
| Textbook 6B Chapter 11 | cube cuboid volume cubic centimetre length breadth height cubic metre cubic millimetre |  |
| Textbook 6B Chapter 12 | vertically opposite angles ratio <br> equilateral triangle isosceles triangle <br> quadrilateral <br> pentagon <br> hexagon <br> polygon <br> regular <br> polygon radius <br> diameter <br> circumference <br> parallel <br> parallelogram <br> rhombus <br> trapezium <br> scale similar <br> triangle cuboid <br> prism <br> triangular <br> prism net face <br> triangle-based pyramid square-based pyramid <br> cone | diameter circumference radius net |
| Textbook 6B Chapter 13 | negative number <br> the origin $x$ - <br> axis $y$-axis <br> coordinates <br> $x$-coordinate <br> $y$-coordinate <br> quadrilateral <br> parallelogram <br> trapezium <br> rhombus <br> kite <br> isosceles triangle <br> equilateral <br> triangle <br> translation reflection mirror <br> line object image |  |
| Textbook 6B Chapter 14 | average <br> mean <br> mode <br> median <br> bar chart <br> equal parts <br> pie chart | average <br> mean <br> mode <br> median <br> bar chart pie chart segment |


| Text book 2 |  |  |
| :--- | :--- | :--- |
| Book and Chapter | Key Vocabulary in the Chapter | New Vocabulary in this <br> Chapter |
|  | segment <br> percentage <br> vertically opposite angles right angle line graph <br> average speed revenue mile kilometre round |  |
| Textbook 6B Chapter 15 | negative number number line |  |

