

CORPUS CHRISTI CATHOLIC PRIMARY SCHOOL



MATHS VOCABULARY

EYFS

NUMBER

NUMBER & PLACE VALUE

zero

number

one, two, three...to twenty and beyond

teens numbers, eleven, twelve...twenty

none

how many...?

count, count (up) to, count on (from, to),

count back (from, to)

count in ones, twos, fives, tens

is the same as, more, less, odd, even, few,

fewer

pattern

pair

PLACE VALUE

ones, tens, digit

the same number as, as many as

more, larger, bigger, greater

fewer, smaller, less

fewest, smallest, least

most, biggest, largest, greatest

one more, ten more

one less, ten less

compare, order. size

first, second, third... twentieth

last, last but one

before, after, next, between

ESTIMATING

guess, estimate

how many ...?

nearly, close to

about the same as

just over, just under

too many, too few enough, not enough

ADDITION & SUBTRACTION

add, more, and, make, sum, total, altogether

double

one more, two more ... ten more

how many more to make ...?

how many more is ... than ...?

how much more is ...?

take away

how many are left/left over?

how many have gone?

one less, two less, ten less ...

how many fewer is ... than ...?

how much less is ...?

difference between

MULTIPLICATION & DIVISION

sharing

doubling

halving

number patterns

FRACTIONS

parts of a whole

half

quarter

EYFS

MEASUREMENT

measure

size

compare

guess, estimate

enough, not enough

too much, too little

too many, too few

nearly, close to, about the same as

just over, just under

LENGTH

metre

length, height, width, depth

long, short, tall

high, low

wide, narrow

thick, thin

longer, shorter, taller, higher ... and so on

longest, shortest, tallest, highest ... and so on

far, near, close

WEIGHT

weigh, weighs, balances

heavy, light

heavier than, lighter than

heaviest, lightest

scales

CAPACITY & VOLUME

full

empty

half full

holds

container

TIME

time

days of the week, monday, tuesday ...

day, week, birthday, holiday

morning, afternoon, evening, night

bedtime, dinner time, playtime, carpet time,

snack time, home time

today, yesterday, tomorrow

before, after, next, last, now, soon, early,

late, quick, quicker, quickest, quickly, slow,

slower, slowest, slowly

old, older, oldest, new, newer, newest

takes longer, takes less time, hour, o'clock

clock, watch, hands

MONEY

money

coin

penny, pence, pound

price, cost

buy, sell

spend, spent

pay

EYFS

GEOMETRY

PROPERTIES OF SHAPE

shape, pattern

flat, curved, straight, round

hollow, solid

sort

make, build, draw

size, bigger, larger, smaller

symmetry, symmetrical

pattern, repeating pattern

match

2-D SHAPE

corner, side

rectangle (including square)

circle

triangle

pentagon

hexagon

semi-circle

kite

heart

3-D SHAPE

face, edge, cube, pyramid, sphere, cone, cuboid

POSITION & DIRECTION

position, over, under

above, below, top, bottom, side

on, in, outside, inside

around, in front, behind, front, back

beside, next to, opposite, apart, between, middle, edge, corner

direction, left, right

up, down, forwards, backwards, sideways

across, next to, close, near, far

along, through, to, from, towards, away from

movement, slide, roll, turn, stretch, bend, whole turn, half turn

STATISTICS

count, sort

group, set

list

GENERAL

pattern

puzzle

what could we try next?

how did you work it out?

recognise

describe

draw

compare

sort

Year 1

Number - Number and Place Value Counting, properties of numbers and number sequences Zero, one, two, three... to one hundred Zero, ten, twenty...one hundred Zero, two, four, six...twenty Zero, five, ten fifteen...fifty None How many...? Count, count (up) to Counts in ones...twos...fives...tens More, less, many, few Odd, even How many times? Pattern, pair Same Different Count(ing) forwards/backwards Number-line Numerals One more One less	Estimating Guess how many, estimate Nearly, roughly, close to About the same as Just over, just under Too many, too few, enough, not enough Fractions A half Equal parts Object, shape, quantity A quarter Equal sharing Equal grouping
Place value and ordering Ones, tens, Columns Exchange Digit, one-digit, two-digit "teens number" Representation The same number as, as many as, equal to Of two objects/amounts: Greater, more, larger, bigger Less, fewest, smallest One more, ten more One less, ten less Compare More than, less than Order Size	

First, second, third...tenth, eleventh...twentieth Last, last one but Before, after, next Between, half-way between Above, below Zero	
Addition and subtraction +, addition, add, more, plus Make, sum, total Altogether Score Double, near double One more, two more...ten more How many to make...? How many more is... than...? How much more is...? -, subtraction, subtract, take (away), minus Leave How many are left/left over? How many are gone? One less, two less, ten less... How many fewer is...than...? How much less is...? Difference, difference between, distance between Half, halve =, equals sign, is the same as Bonds, number bonds Subtraction facts Value Size More than, less than	Multiplication and division Multiples Grouping Sharing Double, doubling Arrays Number patterns

Measures, Shape and Space Measures (general) Measure Size Compare Guess, estimate Enough, not enough Too much, too little Too many, too few Nearly, roughly , close to, about the same as Just over, just under	Money Money Coin note Penny, pence, p Pound/£ Coin values; One pence, Two pence Five pence Ten pence Twenty pence Fifty pence Price, amount Cost Buy Sell Spend, spent Pay Dear, costs more Cheap, costs less, cheaper Costs the same as How much...? How many...? Total
Length Length, width, height, depth Long, short, tall High, low Wide, narrow Deep, shallow Thick, thin Longer, shorter, taller, higher...and so on Longest, shortest, tallest, higher... and so on Far, near, close Centimetre/cm Metre/m Ruler, metre stick Far Distance Measure	Mass Weigh, weighs, balances Heavy/light, heavier/lighter, heaviest/lightest Balance, scales, weigh Gram/g Kilogram/kg
	Capacity Full Half full Quarter full Empty Holds Container Volume More than

	Less than Half full
Time <i>Days of the week:</i> Monday Tuesday... <i>Months of the year:</i> January, February, March... <i>Seasons:</i> spring, summer, autumn, winter Day, week, month, year <i>Weekend</i> , birthday, holiday Morning, afternoon, evening Night, midnight Bedtime, dinnertime, playtime Today, yesterday, tomorrow Before, after Next, first, last Now, soon, early, late Quick, quicker, quickest, quickly <i>Fast, faster, fastest</i> Slow, slower, slowest, slowly Old, older, oldest New, newer, newest Takes longer, takes less time Minute, second Yesterday, today, tomorrow Clock, watch, hands Hour, o'clock, Hour (hand) Minute (hand) <i>Half past</i> <i>How long ago?</i> <i>How long will it be to...?</i> <i>How often?</i> <i>Always, never, often, sometimes, usually</i> <i>Once, twice</i>	

Shape and space Shape, pattern Flat Curved, straight Round Hollow, solid Corner Point, pointed Face, side, edge, end Sort Make, build, draw	Patterns and symmetry Size Bigger, larger, smaller Symmetrical Pattern Repeating pattern Match
3D shapes Cube Cuboid Pyramid Sphere Cone Cylinder	Position and direction Position Over, under, underneath Above, below Top, bottom, side On, in Outside, inside Around In front, behind Front, back Before, after Backwards Forwards Beside, next to Opposite Apart Between Middle, edge Centre Corner Direction Journey Left, right Up, down Forwards, backwards, sideways Across Close, far, near
2D shapes Circle Square Triangle Rectangle Star	

Solving problems Making decisions and reasoning Pattern Puzzle Answer Right, wrong What could we try next? How did you work it out? Count out, share out, left, left over, group Number sentence Sign, operation	Along Through To, from, towards, away from Movement Slide Roll Turn, whole turn, half turn, quarter turn, three-quarter turn Stretch, bend Clockwise
Organising and using data (not in the National Curriculum for Y1 but it may be useful to support children's understanding) Count, sort, vote Group, set List Same, different Table	
Instructions Listen Join in Say Think Imagine Remember Start from, start with, start at Look at Point to Show me Put, place, fit Arrange, rearrange, Change, change over Split, separate Carry on, continue	Fill in Shade, colour Tick, cross Draw, draw a line between Join (up) Ring Arrow Cost Count Work out Answer Check General Same number/s Different number/s Missing number/s Number facts

Repeat	Number line, number track
What comes next?	Number square
Find	Number cards
Choose	Abacus
Collect	Counters, cubes, blocks, rods
Use	Die, dice
Make	Dominoes
Build	Pegs, peg board
Tell me	Same way, different way
Describe	Best way, another way
Pick out	In order, in a different order
Talk about	Not
Show me	All, every, each
Read, write, record	
Trace, copy	
Complete	
finish, end	

Year 2

Number – Number and Place value Counting, properties of numbers and number sequences Zero, one, two, three... to one hundred Zero, ten, twenty...one hundred Zero, two, four, six...twenty Zero, three, six...thirty Zero, five, ten fifteen...fifty None How many...? Count, count (up) to Counts in ones...twos...threes, fours, fives, tens Count/ing forwards/backwards More, less, many, few Tally Odd, even Every other How many times? Multiple of Sequence Continue Predict Pattern, pair, rule Forward, backward Same, different Numerals	Place value and ordering Ones Tens Digit One-, two- digit number. Three-digit number "teens" number Place, place value Stands for, represents Exchange The same number as, as many as Equal to Of two objects/amounts: Greater, more, larger, bigger Less, fewer, smaller Of three or more objects/amounts: Greatest, most, biggest, largest Least, fewest, smallest One more, ten more One less, ten less Compare Order Number line Representation Size First, second, third...tenth...twentieth Twenty-first, twenty-second... Last, last but one Before, after Next Between, half-way between Above, below > As "greater than" < as "less than" Partition Place holder Calculate Representation
Estimating Guess how many, estimate Nearly, roughly, close to About the same as Just over, just under Exact, exactly Too many, too few, enough, not enough	
Fractions Part, equal parts Fraction	

One whole One half, two halves One quarter, two...three...four quarters Half as much, twice as much One and a quarter One and 2 quarters One and a half One and 3 quarters	Numerator Denominator Equivalence Unit fraction
Addition and subtraction +, add, addition, more, plus Make, sum, total Altogether Score Double, near double One more, two more...ten more How many more to make...? How many more is... than...? -, subtract, subtraction, take (away), minus, difference Leave, how many are left/left over? One less, two less...ten less How many fewer is... than...? How much less is...? Difference, difference between, distance between Half, halve =, equals, is the same as number bonds Subtraction facts Value Size More than, less than Tens boundary Commutative Mental method Written method	Multiplication and division Multiples Grouping Sharing Double, doubling Halve/halving Arrays Number patterns Lots of, groups of X, times, multiply, multiplied by, multiplication Multiple of, multiplication tables Once, twice, three times...twelve times Times as (big, long, wide... and so one) Repeated addition Array Row, column Times tables Double, halve Share, share equally One each, two each, three each... Group in pairs, threes... Equal groups of ÷, divide, divided by, divided into, division Inverse Odd, even commutative

Measures, shape and space Measures (general) Measure Size Compare Measuring scale Guess, estimate Enough, not enough Too much, too little Too many, too few Nearly, roughly, about , close to, about the same as Just over, just under Half as..., twice as...	Money Money Coin Penny, pence, p Pound, £ Price, cost Buy, bought , sell, sold Spend, spent Pay Change Dear, costs more Cheap, costs less, cheaper How much...? How many...? Total Same amount
Length Length, width, height, depth Long, short, tall, high, low Wide, narrow, deep, shallow, thick, thin Longer, shorter, taller, higher... and so on Longest, shortest, tallest, highest...and so on Far, further, furthest , near, close Metre (m), centimetre (cm), millimetre (mm) Ruler, metre stick, tape measure	Mass Weigh, weighs, balances Heavy/light, heavier/lighter, heaviest/lightest Kilogram (kg), gram (g) Capacity Capacity Full, half full Empty Holds, contains Litre (l), millilitre (ml) Container

Time

Time

Days of the week: Monday, Tuesday...

Months of the year: January, February...

Seasons: spring, summer, autumn, winter

Day, week, **fortnight**, month, year

Weekend, birthday, holiday

Morning, afternoon, evening, night,
midnight

Bedtime, dinnertime, playtime

Before, after

Next, last

Now, soon, early, late

Quick, quicker, quickest, quickly

Fast, faster, fastest

Slow, slowly. Slowest, slowly

Old, older, oldest

New, newer, newest

Takes longer, takes less time

How long ago? How long will it be to...?

Hour, **minute, second**

Five/ten/quarter past/to

O'clock, watch, hands

Digital/analogue clock/watch, timer

How often?

Always, never, often, sometimes, usually

Once, twice

Clockwise

Anticlockwise

Geometry – properties of shape Shape, pattern Flat, curved, straight Round Hollow, solid Corner Point, pointed Face, side, edge, end, Vertices Sort Make, build, draw Surface Vertical Horizontal	Position and direction Position Over, under, underneath, above, below Top, bottom, side On, in Outside, inside Around In front, behind Front, back Before, after Beside, next to Opposite Apart Between middle, edge Centre Corner Direction Journey, route Left, right Up, down Higher, lower Forwards, backwards, sideways Across Close, far, near Along Through To, from, towards, away from Clockwise, anticlockwise Movement Slide Roll Orientation Whole turn, half turn, quarter turn Rotation, rotate Straight line Stretch, bend Horizontal, vertical
3D shapes Cube Cuboid Pyramid Sphere Cone Cylinder Prism	
2D shapes Circle, circular Triangle, triangular Square Rectangle, rectangular Star Pentagon Hexagon Octagon Quadrilateral Polygon	
Patterns and symmetry Size Bigger, larger, smaller Symmetrical Line of symmetry, line symmetry Fold	

Vertical Match Mirror line, reflection Pattern Repeating pattern	
Statistics Count, tally , sort, vote, total Graph , block graph, pictogram, block diagram Represent Group, set Same, different List, table Data , category/ies Label , title Most popular , most common Least popular , least common	Solving problems Making decisions and reasoning Pattern, puzzle Calculate , calculation Mental calculation Jotting Answer Right, correct , wrong What could we try next? How did you work it out? Number sentence Sign, operation, symbol
Instructions Listen Join in, say, recite Think, imagine remember Start from, start with Start at Look at Point to Show me Put, place, fit Arrange, rearrange Change, change over Split, separate Carry on, continue Repeat What comes next? Predict Describe the pattern	Tell me Describe Name Pick out Discuss , talk about Explain Explain your method Explain how you got your answer Give an example of... Show how you... Read Write, record Write in figures Present Represent Trace, copy Complete, finish, end Fill in, shade, colour label Tick, cross

Describe the rule

Find, find all, find different

Investigate

Chose

Decide

Collect

Use

Make

Build

Draw

Draw a line between

Join (up)

Ring

Arrow

Cost, count, tally

Calculate, work out, solve, answer, check

General

Same, different

Missing numbers

Number facts

Number pairs

Number bonds

Number line, number track

Number square, hundred-square

Number cards

Number grid

Abacus

Counters, cubes, blocks, rods

Die, dice

Dominoes

Pegs, peg board

Geo-strips

Same way, different way

Best way, another way

In order, in a different way

Not

All, every, each

Year 3

Number - Number and Place value Zero, one, two, three... to one hundred Zero, ten, twenty...one hundred Zero, two, four, six...twenty Zero, five, ten fifteen...fifty Zero, fifty, one hundred... Zero, four, eight... Zero, eight, sixteen... Zero, one hundred, two hundred...one thousand None How many...? Count, count (up) to Counts in ones...twos...threes, fours, fives, tens Count in hundreds More, less, many, few tally Odd, even Every other How many times? Multiple of Sequence Continue Predict Pattern, pair, rule Relationship	Place value and ordering Ones Tens, hundreds Digit One-, two- digit number, three-digit number "teens" number Place, place value Stands for, represents Exchange The same number as, as many as Equal to Of two objects/amounts: Greater, more, larger, bigger Less, fewer, smaller Of three or more objects/amounts: Greatest, most, biggest, largest Least, fewest, smallest One more, ten more, one hundred more One less, ten less, one hundred less Compare Order Size First, second, third...tenth...twentieth Twenty-first, twenty-second... Last, last but one Before, after Next Between, half-way between Above, below > As "greater than" < as "less than" Partition Place holder Calculate Round to the nearest ten, Nearest Round (up or down)
Estimating Guess how many, estimate Nearly, roughly, close to Approximate, approximately About the same as Just over, just under Exact, exactly Too many, too few, enough, not enough	
Fractions Part, equal parts Fraction One whole	Eighths Ninths Tenths Numerator Denominator

One half, two halves One quarter, two...three...four quarters One third, two thirds, three thirds One tenth Fifths Sixths Sevenths	Order Unit fraction Non-unit fraction Equivalent Order, compare Number line
Addition and Subtraction +, add, addition, more, plus Make, sum, total Altogether Score Double, near double One more, two more...ten more...one hundred more How many more to make...? How many more is... than...? -, subtract, subtraction, take (away), minus Leave, how many are left/left over? One less, two less...ten less How many fewer is... than...? How much less is...? Difference between Half, halve =, equals, is the same as Tens boundary, hundreds boundary Mentally, written method Column addition	Multiplication and division Lots of, groups of X, times, multiply, multiplied by, multiplication Multiple of, product Multiplication tables Once, twice, three times...twelve times Times as (big, long, wide... and so one) Repeated addition Array Row, column Times tables Double, halve Share, share equally One each, two each, three each... Group in pairs, threes... Equal groups of ÷, divide, divided by, divided into, division Left, left over, division Inverse Commutative, commutativity Associative, associativity Four times as high, eight times as high etc

Measures, shape and space Measures (general) Size Compare Measuring scale, division Guess, estimate Enough, not enough Too much, too little Too many, too few Nearly, roughly, about, close to About the same as, approximately Just over, just under Half as... twice as... Perimeter	Money Money, coin, note Penny, pence, pound Same amount Price, cost Buy, bought, sell, sold Spend, spent Change Dear, costs more, more/most expensive Cheap, costs less, cheaper, less/least expensive How much...? How many...? Total, amount Value, worth
Length Length, width, height, depth Long, short, tall, high, low Wide, narrow, deep, shallow, thick, thin Longer, shorter, taller, higher...and so on Longest, shortest, tallest, highest...and so on Far, further, furthest, near, close Distance apart/between, distance to...from... Kilometre (km) , metre (m), centimetre (cm), millimetre (mm) Mile Ruler, metre stick, tape measure Twice as long, five times as high etc	Mass Weigh, weighs, balances Heavy/light, heavier/lighter. Heaviest/lightest Kilogram (kg), half-kilogram, gram (g) Balance, scales, weight Capacity Capacity Full, half full Empty Holds, contains Litre (l), half-litre, millilitre (ml) Container
Time Time <i>Days of the week:</i> Monday, Tuesday... <i>Months of the year:</i> January, February... <i>Seasons:</i> spring, summer, autumn, winter Day, week, fortnight, month, year, leap year, century Weekend, birthday, holiday Calendar, date, Duration	Quick, quicker, quickest, quickly Fast, faster, fastest Slow, slowly. Slowest, slowly Old, older, oldest New, newer, newest Takes longer, takes less time How long ago? How long will it be to...? Hour, minute, second Five/ten/quarter past/to O'clock, watch, hands

Roman numerals to XII Morning, afternoon, evening, night, midnight, noon Am, pm Bedtime, dinnertime, playtime Before, after Next, last Now, soon, early, late, earliest, latest	Digital/analogue clock/watch, timer How often? Always, never, often, sometimes, usually Once, twice Clockwise Anticlockwise
Shape and space Shape, pattern Flat, curved, straight Round Hollow, solid Corner Point, pointed Face, side, edge, end Sort Make, build, draw Surface Right-angled Vertex, vertices Layer, diagram	Position and direction Position Over, under, underneath Above, below Top, bottom, side On, it Outside, inside Around In front, behind Front, back Before, after Beside, next to Opposite Apart Between, middle, edge
3D shapes Cube Cuboid Pyramid Sphere, hemi-sphere Cone Cylinder Prism Polyhedron Polyhedra	Centre Corner Direction Journey, route, map, plan Left, right, up, down Higher, lower Forwards, backwards, sideways Across Close, far, near Along Through To, from, towards, away from
2D shapes Circle, circular, semi-circle Triangle, triangular Square Rectangle, rectangular Star Pentagon, pentagonal Hexagon, hexagonal	Ascend, descend Grid Row, column Clockwise, anticlockwise Compass point North, south, east, west (N, S, E, W) Horizontal, vertical, perpendicular, parallel Diagonal

Octagon, octagonal Quadrilateral Polygon	Movement Slide Roll Whole turn, half turn, quarter turn Angle, ...is a greater/smaller angle than Right angle Degrees Acute, obtuse reflection Right angle Straight line Stretch, bend Orientation Degree(s) Perpendicular
Patterns and symmetry Size Bigger, larger, smaller Symmetrical, non-symmetrical Line of symmetry. Line symmetry Fold Match Mirror line, reflection Pattern, repeating pattern	
Handling data Count, tally, sort, vote Graph, block graph, pictogram Represent Group, set List, chart, bar chart Table, frequency table Carroll diagram, Venn diagram Label, title, axis, axes Diagram Most popular, most common Least popular, least common Interpret Data Category/ies Scale	Solving problems Making decisions and reasoning Pattern, puzzle Calculate, calculation Mental calculation Method Jotting Answer Right, correct, wrong What could we try next? How did you work it out? Number sentence Sign, operation, symbol, equation
Instructions Listen Join in Say, recite Think, imagine Remember Start from, start with, start at Look at, point to, show me	Tell me, describe Name Pick out Discuss, talk about, explain Explain your method Explain how you got your answer Give an example of... Show how you..., show your working Read Write, record, write in figures Present, represent Interpret

Put, place, fit
Arrange, rearrange
Change, change over
Split, separate

Carry on, continue, repeat
What comes next?
Predict
Describe the pattern
Describe the rule

Find, find all, find different
Investigate

Chose, decide
Collect

Use
Make
Build

Trace, copy
Complete, finish, end

Fill in, shade, colour
label

Tick, cross
Draw, **sketch**, draw a line between
Join (up)
Ring
Arrow

Cost, count, tally

Calculate, work out, solve
Investigate
Question
Answer
Check

General

Same, different
Missing numbers
Number facts
Number pairs
Number bonds
Greatest value, least value

Number line, number track
Number square, hundred square
Number cards
Number grid
Abacus
Counters, cubes, blocks, rods
Die, dice
Dominoes
Pegs, peg board
Geo-strips

Same way, different way
Best way, another way
In order, in a different way

Not All, every, each	
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Year 4

Number - Number and Place value Place value, ordering and rounding Ones Tens, hundreds, thousands Digit One-, two-, three-, four-digit number numeral "teens" number Place, place value Stands for, represents Exchange The same number as, as many as Equal to Of two objects/amounts: >, greater than, more than, larger than, bigger than <, less than, fewer than, smaller than Of three or more objects/amounts: Greatest, most, biggest, largest Least, fewest, smallest One more, ten more, one hundred, one thousand more/less Compare Order Size First, second, third...tenth...twentieth Twenty-first, twenty-second... Last, last but one Before, after Next Between, half-way between Guess how many, estimate Nearly, roughly, close to, about the same as Approximate, approximately Just over, just under Exact, exactly Too many, too few, enough, not enough Round (up or down) nearest Round to the nearest ten Round to the nearest hundred Round to the nearest thousand	Properties of numbers and number sequences Number, count, how many...? Odd, even Every other How many times? Multiple of Digit Next, consecutive Sequence Continue Predict Pattern, pair, rule Relationship Sort, classify, property Fractions and decimals Part, equal parts Fraction One whole Half, quarter, eighth Third, sixth Fifth, tenth, twentieth Proportion, in every, for every Decimal, decimal fraction Decimal point, decimal place Number line Equivalent, families of equivalent fractions Hundredths, tenths Decimal notation Denominator, numerator Order, compare
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Rounding
Integer, positive, negative
Above/below zero, minus
Roman numerals to 100 (C)

Addition and Subtraction

Add, addition, more, plus, **increase**
Sum, total, altogether
Score
Double, near double
How many more to make...?
Subtract, subtraction, take (away),
minus, **decrease**
Leave, how many are left/left over?
Difference between
Half, halve
How many more/fewer is...than...?
How much more/less is...?
Equals, sign, is the same as
Tens boundary, hundreds boundary
inverse
Column addition, column subtraction
Estimate
Mental methods. Mentally
Columnar addition, column addition
Columnar subtraction, column subtraction

Multiplication and Division

Lots of, groups of
Times, multiply, multiplication, multiplied
by
Multiple of, product
Once, twice, three times...twelve times
Times as (big, long, wide...and so on)
Repeated addition
Array
Row, column
Double, halve
Share, share equally
One each, two each, three each
Group in pairs, threes... twelves
Equal groups of
Divide, division, divided by, divided into
Remainder, left over
Factor, quotient, divisible by
Inverse
Factor, factor pairs
Distributive, distributive law
Integer scaling
Associative, commutativity
Short multiplication
Four times as high...
Distributive
Derive

Measures, shape and space Measures (general) Measure, measurement Size Compare Unit, standard unit Measuring scale, division Guess, estimate Enough, not enough Too much, too little Too many, too few Nearly, roughly, about, close to About the same as, approximately Just over, just under Convert	Money Money, coin, note Penny, pence, pound Price, cost Buy, bought, sell, sold Spend, spent Change Dear, costs more, more/most expensive Cheap, costs less, cheaper, less/least expensive How much...? How many...? Total, amount Value, worth
Length Length, width, depth, breadth Long, short, tall, high, low Wide, narrow, deep, shallow, thick, thin Longer, shorter, taller, higher...and so on Far, further, furthest, near, close Distance apart/between, distance to...from... Edge, perimeter Kilometre (km), metre (m) Centimetre (cm), millimetre (mm) Mile Ruler, metre stick, tape measure Twice as long, five times as high etc	Mass Mass, big, bigger, small, smaller , balances Weight: heavy/light, heavier/lighter, heaviest/lightest Weigh, weighs Kilogram (kg), gram (g) Balance, scales
Perimeter and Area Perimeter Rectilinear shape Arrays Area, covers, surface Square centimetre (cm ²)	Capacity Capacity Full, half full Empty Holds, container Litre (l), millilitre (ml) Pint Container, measuring cylinder

Time

Time

Days of the week: Monday, Tuesday...

Months of the year: January, February...

Seasons: spring, summer, autumn, winter

Day, week, fortnight, month

year, leap year, century, **millennium**

Weekend, birthday, holiday

Calendar, date, **date of birth**

Roman numerals to XII

Morning, afternoon, evening, night

Am, pm, midnight, noon

Now, soon, early, late, earliest, latest

Quick, quicker, quickest, quickly

Fast, faster, fastest

Slow, slowly. Slowest, slowly

Old, older, oldest

New, newer, newest

Takes longer, takes less time

How long ago? How long will it be to...?

Timetable, arrive, depart

Hour, minute, second

Five/ten/quarter past/to

O'clock,

Clock, watch, hands

Digital/analogue clock/watch, timer

How often?

Always, never, often, sometimes, usually

Once, twice

Clockwise

Anticlockwise

Geometry - Properties of Shape Shape, pattern, classify Flat, line Vertical, horizontal Perpendicular, parallel Curved, straight Round Hollow, solid Corner Point, pointed Face, side, edge, end Sort Make, build, construct, draw, sketch Centre, Net Surface Angle, right-angled Base, square based Vertex Vertices Layer, diagram Regular, irregular Concave, convex Open, closed	2D shapes 2D, two-dimensional Circle, circular, semi-circle Triangle, triangular Equilateral triangle, isosceles triangle, scalene Square Rectangle, rectangular, oblong Pentagon, pentagonal Hexagon, hexagonal heptagon Octagon, octagonal Nonagon decagon Quadrilateral, parallelogram, rhombus, trapezium Polygon Regular, irregular
3D shapes 3D, three-dimensional Cube Cuboid Pyramid Sphere, hemi-sphere, spherical Cone Cylinder, cylindrical Prism Polyhedron Tetrahedron	Patterns and symmetry Size Bigger, larger, smaller Symmetrical Line of symmetry, line symmetry Non symmetrical Fold Match Mirror line, reflection, reflect Pattern, repeating pattern, translation

Position and direction Position Over, under, underneath Above, below, top, bottom, side On, it, outside, inside, around In front, behind, front, back Before, after, beside, next to Opposite, apart Between, middle, edge, centre Corner Direction Journey, route, map, plan Left, right Up, down, higher, lower Forwards, backwards, sideways, across Close, far, near Along, through, to, from, towards, away from Ascend, descend Grid Row, column Origin, coordinate(s) Quadrant, first quadrant Plot Translate, translation Axis, axes Scale Clockwise, anticlockwise Compass point, north, south, east, east (N, S, E, W) North-east, north-west, south-east, south-west (NE, NW, SE, SW) Horizontal, vertical, diagonal, perpendicular, parallel Movement Slide, roll Whole turn, half turn, quarter turn, rotate Angle, ...is a greater/smaller angle than Degree(s) Acute, obtuse, reflex Reflection Right angle	Handling data Count, tally, sort, vote Survey, questionnaire, date Graph, block graph, pictogram Represent Group, set List, chart, bar chart, tally chart Table, frequency table Carroll diagram, Venn diagram Label, title, axis, axes Diagram Most popular, most common Least popular, least common Interpret Data Category/ies Scale Solving problems Making decisions and reasoning Pattern, puzzle Calculate, calculation Mental calculation Method Jotting Answer Right, correct, wrong What could we try next? How did you work it out? Number sentence Sign, operation, symbol, equation
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Straight line Stretch, bend Ruler, set square Angle measurer, compasses Orientation	
Instructions Listen, join in, say, recite Think, imagine, remember Start from, start with, start at Look at, point to, show me Put, place Arrange, rearrange Change, change over Split, separate Carry on, continue, repeat What comes next? predict Describe the pattern, describe the rule Find, find all, find different Investigate Chose, decide Collect Use, make, build, construct Tell me, describe, name, pick out Discuss, talk about, explain, explain your method Explain how you got your answer Give an example of... Show how you..., show your working Justify Make a statement Read, write, record Write in figures Present, represent Interpret Trace, copy Complete, finish, end	General Same, different Missing numbers Number facts, number pairs, number bonds Greatest value, least value Number line, number track Number square, hundred square Number cards, number grid Abacus Counters, cubes, blocks, rods Die, dice Dominoes Pegs, peg board, pin board Geo-strips Same way, different way Best way, another way In order, in a different way Not All, every, each

Fill in, shade, colour

Label, plot

Tick, cross

Draw, sketch

Draw a line between, join (up), ring, arrow

Cost, count, tally

Calculate, work out, solve

Investigate, question

Answer, check

Year 5

Number - number and place value Place value, ordering and rounding Ones Tens, hundreds, thousands, ten-thousands, millions Digit One-, two-, three-, four-digit number numeral "teens" number Place, place value Stands for, represents Exchange The same number as, as many as Equal to Of two objects/amounts: >, greater than, more than, larger than, bigger than <, less than, fewer than, smaller than ≥, greater than or equal to ≤, less than or equal to Of three or more objects/amounts: Greatest, most, biggest, largest Least, fewest, smallest One more, ten more, one hundred, one thousand more/less Compare, order, size First, second, third...tenth...twentieth Last, last but one Before, after, next Between, half-way between Guess how many, estimate Nearly, roughly, close to, about the same as Approximate, approximately ≈, is approximately equal to Just over, just under Exact, exactly Too many, too few, enough, not enough Round (up or down) nearest Round to the nearest ten/hundred Round to the nearest thousand Round to the nearest hundred thousand	Properties of numbers and number sequences Number, count, how many...? Odd, even Every other How many times? Multiple of Digit Next, consecutive Sequence Continue Predict Pattern, pair, rule Relationship Sort, classify, property Formula Divisible (by), divisibility, factor Square number One squared, two squared... (1^2, 2^2...) Linear sequence Power(s) Prime complement Composite Prime factor Cube(d)³
	Fractions and decimals Part, equal parts Fraction, proper/improper fraction Mixed number Numerator, denominator Equivalent, families of equivalent, reduced to, cancel One whole Half, quarter, eighth Third, sixth, ninth, twelfth Fifth, tenth, twentieth, hundredth, thousandths Proportion, ratio In every, for every To every, as many as

Rounding Integer, positive, negative Above/below zero, minus Roman numerals to 1000 (M) Powers of 10 Linear	Decimal, decimal fraction, decimal notation Decimal point, decimal place Percentage, per cent, % Operators Mathematical statement Scaling Round to the nearest whole number Round to one decimal place Proportion,
Addition and Subtraction Add, addition, more, plus, increase Sum, total, altogether Score Double, near double How many more to make...? Subtract, subtraction, take (away), minus, decrease Leave, how many are left/left over? Difference between Half, halve How many more/fewer is...than...? How much more/less is...? Equals, sign, is the same as Tens boundary, hundreds boundary Ones boundary, tenths boundary Inverse Mental methods, written methods	Multiplication and Division Lots of, groups of Times, multiply, multiplication, multiplied y Multiple of, product Once, twice, three times...twelve times Times as (big, long, wide...and so on) Repeated addition Array Row, column Double, halve Share, share equally One each, two each, three each Group in pairs, threes... twelves Equal groups of Divide, division, divided by, divided into Remainder Factor, quotient, divisible by Inverse, inverses Factor, factor pairs Distributive, commutative Associative Derive Express, expressing Scale, scaling , integer scaling Prime, prime numbers, prime factor Composite Equivalence Mental methods, written methods

Measures, shape and space Measures (general) Measure, measurement Size Compare Unit, standard unit Metric unit, imperial unit Measuring scale, division Guess, estimate Enough, not enough Too much, too little Too many, too few Nearly, roughly, about, close to About the same as, approximately Just over, just under Convert	Money Money, coin, note Penny, pence, pound Price, cost Buy, bought, sell, sold Spend, spent Change Dear, costs more, more/most expensive Cheap, costs less, cheaper, less/least expensive How much...? How many...? Total, amount, value, worth Discount, currency
Length Length, width, depth, breadth Long, short, tall, high, low Wide, narrow, deep, shallow, thick, thin Longer, shorter, taller, higher...and so on Far, further, furthest, near, close Distance apart/between, distance to...from... Edge, perimeter Kilometre (km), metre (m) Centimetre (cm), millimetre (mm) Inch, foot, yard, mile Ruler, metre stick, tape measure	Mass Mass, big, bigger, small, smaller, balances Weight: heavy/light, heavier/lighter, Heaviest/lightest Weigh, weighs Kilogram (kg), gram (g) Pound (lb) Balance, scales
Perimeter and Area Perimeter Rectilinear shape Arrays Area, covers, surface Square centimetre (cm ²) Composite shape Scale drawing/s	Capacity Capacity Full, half full Empty Holds, container Litre (l), millilitre (ml) Pint, gallon Container, measuring cylinder Volume

Time Time <i>Days of the week:</i> Monday, Tuesday... <i>Months of the year:</i> January, February... <i>Seasons:</i> spring, summer, autumn, winter Day, week, fortnight, month year, leap year, century, millennium Weekend, birthday, holiday Calendar, date, date of birth Roman numerals to XII Morning, afternoon, evening, night Am, pm, midnight, noon Now, soon, early, late, earliest, latest Quick, quicker, quickest, quickly Fast, faster, fastest Slow, slowly. Slowest, slowly Old, older, oldest New, newer, newest Takes longer, takes less time How long ago? How long will it be to...? Timetable, arrive, depart Hour, minute, second Five/ten/quarter past/to O'clock, Clock, watch, hands Digital/analogue clock/watch, timer 24-hour clock, 12-hour clock How often? Always, never, often, sometimes, usually Once, twice Clockwise Anticlockwise	Geometry – properties of shapes Shape, pattern Flat, line Vertical, horizontal Perpendicular, parallel, markings for parallel diagonal Curved, straight Round Hollow, solid Corner Point, pointed Face, side, edge, end Sort, classify Make, build, construct, draw, sketch Centre, Net Surface Angle, right-angled, markings for right angle Degrees Acute, obtuse, reflex Point 180° 360° congruent Base, square based Vertex Vertices Layer, diagram Regular, irregular Concave, convex Open, closed Deduce, deduction
3D shapes 3D, three-dimensional Cube Cuboid Pyramid Sphere, hemi-sphere, spherical Cone Cylinder, cylindrical Prism	2D shapes 2D, two-dimensional Circle, circular, semi-circle Triangle, triangular Equilateral triangle, isosceles triangle, scalene Rectangle, rectangular, oblong, square Pentagon, pentagonal Hexagon, hexagonal

Polyhedron Tetrahedron Octahedron	heptagon Octagon, octagonal Nonagon Decagon Quadrilateral. parallelogram, rhombus, trapezium Polygon Regular, irregular
Patterns and symmetry Size Bigger, larger, smaller Symmetrical Line of symmetry, axis of symmetry line symmetry, reflective symmetry Fold Match Mirror line, reflection, reflect Pattern, repeating pattern, translation	Position and direction Position Over, under, underneath Above, below, top, bottom, side On, it, outside, inside, around In front, behind, front, back Before, after, beside, next to Opposite, apart Between, middle, edge, centre Corner Direction Journey, route, map, plan Left, right Up, down, higher, lower Forwards, backwards, sideways, across Close, far, near Along, through, to, from, towards, away from Ascend, descend Grid, row, column Origin, coordinate(s) Quadrant, first quadrant Plot Translate, translation Axis, axes Scale Clockwise, anticlockwise Compass point, north, south, east, east (N, S, E, W) North-east, north-west, south-east, south-west (NE, NW, SE, SW) Horizontal, vertical, diagonal Parallel. Perpendicular x-axis, y-axis
Handling data Count, tally, sort, vote Survey, questionnaire Data, database Graph, block graph, line graph pictogram Represent Group, set List, chart, bar chart, bar line chart tally chart Table, frequency table Carroll diagram, Venn diagram Label, title, axis, axes Diagram Most popular, most common Least popular, least common Timetables Appropriate representation Classify, outcome Interpret Data Category(ies) Scale	

Solving problems Making decisions and reasoning Pattern, puzzle Calculate, calculation Mental calculation Method Jotting Answer Right, correct, wrong What could we try next? How did you work it out? Number sentence Sign, operation, symbol, equation	Movement Slide, roll Whole turn, half turn, quarter turn Rotate, rotation Angle, ...is a greater/smaller angle than Reflection Straight line Stretch, bend Ruler, set square Angle measurer, compasses, protractor Orientation
Instructions Listen, join in, say, recite Think, imagine, remember start from, start with, start at look at, point to, show me Put, place Arrange, rearrange Change, change over Split, separate Carry on, continue, repeat What comes next? predict Describe the pattern, describe the rule	Fill in, shade, colour Label, plot Tick, cross Draw, sketch Draw a line between, join (up), ring, arrow Cost, count, tally Calculate, work out, solve Investigate, question Answer Check
Find, find all, find different Investigate Chose, decide Collect Use, make, build, construct, bisect Tell me, describe, name, pick out, identify Discuss, talk about Explain Explain your method/answer/reasoning Give an example of... Show how you...	General Same, different Missing numbers Number facts, number pairs, number bonds Greatest value, least value Number line, number track Number square, hundred square Number cards, number grid Abacus Counters, cubes, blocks, rods Die, dice, spinner

Show your working

Justify

Make a statement

Read, write, record

Write in figures

Present, represent

Interpret

Trace, copy

Complete, finish, end

Dominoes

Pegs, peg board, pin board

Geo-strips

Same way, different way

Best way, another way

In order, in a different way

Not

All, every, each

Year 6

Number - number and place value Place value, ordering and rounding Ones Tens, hundreds, thousands, ten thousands, millions Digit One-, two-, three-, four-digit number... up to 10 000 000 Powers of 10 numeral "teens" number Place, place value Stands for, represents Exchange The same number as, as many as Equal to <i>Of two objects/amounts:</i> >, greater than, more than, larger than, bigger than <, less than, fewer than, smaller than ≥, greater than or equal to ≤, less than or equal to <i>Of three or more objects/amounts:</i> Greatest, most, biggest, largest Least, fewest, smallest One more, ten more, one hundred, one thousand more/less Compare, order, size First, second, third...tenth...twentieth Last, last but one	Properties of numbers and number sequences Number, count, how many...? Odd, even Every other How many times? Multiple of Digit Next, consecutive Sequence Continue Predict Pattern, pair, rule Relationship Sort, classify, property Formula Divisible (by), divisibility, factor, factorise Square number One squared, two squared... (1^2, 2^2...) Linear sequence Power(s) Prime complement Composite Prime, Prime factor Cube(d)³ Interval Common factors Common multiple
Before, after, next Between, half-way between Guess how many, estimate Nearly, roughly, close to, about the same as Approximate, approximately ≈, is approximately equal to Just over, just under Exact, exactly Too many, too few, enough, not enough Round (up or down) nearest Round to the nearest ten/hundred	Fractions and decimals Part, equal parts Fraction, proper/improper fraction Mixed number, numerator, denominator Equivalent, reduced to, cancel One whole, half, quarter, eighth Third, sixth, ninth, twelfth Fifth, tenth, twentieth, hundredth, thousandths Division, multiplication Proportion, ratio, scaling

Round to the nearest thousand Round to the nearest hundred thousand Round to any degree of accuracy Rounding Integer, positive, negative Above/below zero, minus Roman numerals to 1000 (M) Calculate intervals	in every, for every, to every, as many as Decimal, decimal fraction Decimal point, decimal place Round to the nearest... Percentage, per cent, % Simplify, Simplify fractions Degrees of accuracy Common multiples Express, conjecture
Four operations Add, addition, more, plus, increase Sum, total, altogether Score Double, near double How many more to make...? Subtract, subtraction, take (away), minus, decrease Leave, how many are left/left over? Difference between Half, halve How many more/fewer is...than...? How much more/less is...? Equals, sign, is the same as Tens boundary, hundreds boundary Ones boundary, tenths boundary Inverse Lots of, groups of Times, multiply, multiplication, multiplied y Multiple of, product Once, twice, three times...twelve times Times as (big, long, wide...and so on) Repeated addition Array Row, column Double, halve Share, share equally One each, two each, three each Group in pairs, threes... twelves Equal groups of Divide, division, divided by, divided into Remainder Factor, quotient, divisible by	Ratio and proportion Relative size Scale factor Proportion Ratio as a:b Quantities, value Calculation Unequal sharing and grouping Proportionality notation Algebra Symbol Letter Formula(e) Sequence Algebraic(ally) Equation Unknown variable Constant Generate Describe Generalise, generalisation Linear number sequence Express Missing number Satisfy Enumerate Possibilities of combinations Money Money, coin, note Penny, pence, pound

Inverse Factor, factor pairs Distributive Associative Derive Express, expressing Prime numbers, prime factor Composite Long division Brackets Order of operations	Price, cost Buy, bought, sell, sold Spend, spent Change Dear, costs more, more/most expensive Cheap, costs less, cheaper, less/least expensive How much...? How many...? Total, amount, value, worth Discount, currency
Measures, shape and space Measures (general) Measure, measurement Size Compare Unit, standard unit Metric unit, imperial unit Measuring scale, division Guess, estimate Enough, not enough Too much, too little Too many, too few Nearly, roughly, about, close to About the same as, approximately Just over, just under Convert	Capacity Capacity Full, half full Empty Holds, container Litre (l), millilitre (ml) Pint, gallon Container, measuring cylinder Volume
Mass Mass, big, bigger, small, smaller, balances Weight: heavy/light, heavier/lighter, heaviest/lightest Weigh, weighs Tonne, kilogram (kg), gram (g) Pound (lb), ounce (oz) Balance, scales	Area and volume Area, covers, surface Square centimetre (cm²), square metre (m²) Square millimetre (mm²) Composite, composite shape Scale drawings Mm³, cm³, m³, km³, Speed (could be introduced in other subjects where appropriate)

	Mph m/s km/h
Time Time <i>Days of the week:</i> Monday, Tuesday... <i>Months of the year:</i> January, February... <i>Seasons:</i> spring, summer, autumn, winter Day, week, fortnight, month year, leap year, century, millennium Weekend, birthday, holiday Calendar, date, date of birth Roman numerals to XII Morning, afternoon, evening, night Am, pm, midnight, noon Now, soon, early, late, earliest, latest Quick, quicker, quickest, quickly Fast, faster, fastest Slow, slowly. Slowest, slowly Old, older, oldest New, newer, newest Takes longer, takes less time	How long ago? How long will it be to...? Timetable, arrive, depart Hour, minute, second Five/ten/quarter past/to O'clock, Clock, watch, hands Digital/analogue clock/watch, timer 24-hour clock, 12-hour clock Greenwich Mean Time, British Summer Time International Date Line How often? Always, never, often, sometimes, usually Once, twice Clockwise Anticlockwise
Geometry - properties of shape Shape, pattern Flat, line Vertical, horizontal Perpendicular, parallel <i>Markings for parallel and right angle</i> Curved, straight Round Hollow, solid Corner Point, pointed Face, side, edge, end Sort Make, build, construct, draw, sketch Centre, radius, diameter Circumference, concentric, arc Diameter, radius Net Surface Angle, right-angled Angle, ...is a greater/smaller angle than	3D shapes 3D, three-dimensional Cube Cuboid Pyramid Sphere, hemi-sphere, spherical Cone Cylinder, cylindrical Prism Polyhedron Tetrahedron Octahedron Dodecahedron
	2D shapes 2D, two-dimensional Circle, circular, semi-circle Triangle, triangular Equilateral triangle, isosceles triangle, scalene

Degree(s) Acute, obtuse, reflex Complementary angles Point 180° 360° Congruent Intersecting, intersection plane Base, square based Vertex Vertices Layer, diagram Regular, irregular Concave, convex Open, closed Tangram Pi	Square, rhombus Rectangle, rectangular, oblong Pentagon, pentagonal Hexagon, hexagonal Heptagon Octagon, octagonal Nonagon Decagon Quadrilateral Kite Parallelogram, trapezium Polygon
	Patterns and symmetry Size Bigger, larger, smaller Symmetrical Line of symmetry, axis of symmetry, line symmetry, reflective symmetry Fold Match Mirror line, reflection, reflect Pattern, repeating pattern, translation
Position and direction Position Over, under, underneath Above, below, top, bottom, side On, it, outside, inside, around In front, behind, front, back Before, after, beside, next to Opposite, apart Between, middle, edge, centre Corner Direction Journey, route, map, plan Left, right Up, down, higher, lower	Handling data Count, tally, sort, vote Survey, questionnaire Data, database Graph, block graph, line graph pictogram Represent Group, set List, chart, bar chart, bar line chart tally chart, table, frequency table Pie chart Carroll diagram, Venn diagram Label, title, axis, axes Diagram

Forwards, backwards, sideways, across Close, far, near Along, through, to, from, towards, away from Ascend, descend Grid, row, column Origin, coordinate(s) Coordinate place Quadrant(s) reflection Dissect(ion) Plot Translate, translation Axis, axes Scale, equal scaling Clockwise, anticlockwise Compass point, north, south, east, east (N, S, E, W) North-east, north-west, south-east, south-west (NE, NW, SE, SW) Horizontal, vertical, diagonal Parallel. Perpendicular x-axis, y-axis Movement Slide, roll Whole turn, half turn, quarter turn Rotate, rotation Straight line Stretch, bend Ruler, set square Angle measurer, compasses, protractor Orientation	Timetables Appropriate representation Most popular, most common Least popular, least common Mode, range, mean, average, median Statistics, distributive Maximum/minimum value Classify, outcome Interpret Data, data set Category(ies) Scale
	Probability Fair, unfair Likely, unlikely, likelihood, equally likely Certain, uncertain Probable, possible, impossible Chance, good chance, poor chance, no chance Equal chance, even chance, fifty-fifty chance Risk, doubt Biased, random
Instructions Listen, join in, say, recite Think, imagine, remember start from, start with, start at look at, point to, show me	Solving problems Making decisions and reasoning Pattern, puzzle Calculate, calculation, mental calculation Method Jotting Answer Right, correct, wrong What could we try next? How did you work it out? Number sentence Sign, operation, symbol, equation Tick, cross Draw, sketch Draw a line between, join (up), ring, arrow Cost, count, tally Calculate, work out, solve

Put, place
Arrange, rearrange
Change, change over
Adjusting, adjust
Split, separate

Carry on, continue, repeat
What comes next? predict
Describe the pattern, describe the rule

Find, find all, find different
Investigate

Chose, decide
Collect

Use, make, build, construct, bisect

Tell me, **define**, describe, name, pick out, identify
Discuss, talk about
Explain
Explain your method/answer/reasoning
Give an example of...
Show how you...
Show your working
Justify
Make a statement

Read, write, record
Write in figures
Present, represent
Interpret
Trace, copy
Complete, finish, end

Fill in, shade, colour
Label, plot

Investigate, **interrogate (data)**, question, **prove**
Answer
Check

General

Same, **identical**, different
Missing numbers
Number facts, number pairs, number bonds
Greatest value, least value

Number line, number track
Number square, hundred square
Number cards, number grid
Abacus
Counters, cubes, blocks, rods
Die, dice, spinner
Dominoes
Pegs, peg board, pin board
Geo-strips

Same way, different way
Best way, another way
In order, in a different way

Not
All, every, each