

Year 5 Maths Vocabulary List

Words in red are new to the year group. Words in black have been taught previously.

NUMBER

Number and place value

number
numeral
zero
one, two, three ... twenty
teens numbers, eleven, twelve ... twenty
twenty-one, twenty-two ... one hundred,
two hundred ... one thousand ... ten
thousand, hundred thousand, million
none
how many ...?
quantity
amount
count, count (up) to, count on (from,
to), count back (from, to)
forwards
backwards
count in ones, twos, fives, tens,
threes, fours, eights, fifties, sixes,
sevens, nines, twenty-fives and so on
to hundreds, thousands
equal to
equivalent to
is the same as
more, less
most, least
tally
many
odd, even
multiple of, factor of
factor pair
sequence
ordinal number
cardinal number
interval
continue
predict
few
pattern
pair, rule
relationship
next, consecutive
greater than / less than

$\geq$ greater than or
equal to $\leq$ less than
or equal to

Roman numerals
integer, positive,
negative
above/below zero,
minus negative
numbers **formula**
divisibility square
number prime number
ascending/descending
order

Place value

ones
tens, hundreds
digit
one-, two- or three-digit
number place, place value
place holder
stands for, represents
exchange
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 hundred more,
one thousand more
one less, ten less, one hundred less,
one thousand less
equal to
compare
order
size
first, second, third ...
twentieth twenty-first,
twenty-second ... last, last
but one
before, after
next
between
halfway between
above, below

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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
round, nearest, round to the nearest
ten, hundred, thousand, ten thousand
round up, round down

Addition and subtraction

addition
add, more, and
addend
make, sum, total
altogether
double
near double
half, halve
one more, two more ... ten more ... one
hundred more
how many more to make ...?
how many more is ... than
...? how much more is ...?
commutative
Subtract
minuend
subtrahend
take away
how many are left/left over?
how many have gone?
one less, two less, ten less ... one hundred
less
how many fewer is ... than
...? how much less is ...?
difference between equals
is the same as
number bonds/pairs/facts
missing number
algebra

tens boundary, hundreds boundary,
ones boundary, tenths boundary
inverse

Multiplication and division

multiplication
multiply
multiplied by
factor
multiple
common factor
common multiple
groups of
times
product
once, twice, three times ... ten
times repeated addition
division
quotient
dividend
divisor
dividing, divide, divided by, divided
into left, left over, remainder
simplify
grouping
sharing, share, share equally
one each, two each, three each ... ten
each group in pairs, threes ... tens equal
groups of
doubling
halving
array
row, column
number patterns
multiplication table
multiplication fact, division fact
average, mean
bracket
inverse
square, squared
cube, cubed

Fractions (including decimals and percentages)

fraction, **proper/improper**
fraction equivalent fraction
mixed number

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numerator, denominator, **vinculum**
equivalent, **reduced to**, **cancel**
equal part
equal grouping
equal sharing
parts of a whole
half, two halves
one of two equal parts
quarter, two quarters, three
quarters one of four equal parts
one third, two thirds
one of three equal parts
sixths, sevenths, eighths, tenths
... hundredths, **thousandths**
decimal, decimal fraction, decimal
point, decimal place, decimal
equivalent
proportion, **in every**, **for**
every percentage, **per**
cent, **%**

MEASUREMENT

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, close to, about the same
as, approximately
roughly
just over, just under

Length

millimetre, centimetre, metre, kilometre,
mile length, height, width, depth, breadth
long, short, tall
high, low
wide, narrow
thick, thin
longer, shorter, taller, higher ... and so on

longest, shortest, tallest, highest ... and
so on
far, further, furthest, near, close
distance apart ... between ... to ...
from edge, perimeter
area, covers
square centimetre (cm²), **square metre**
(m²), **square millimetre (mm²)**
ruler
metre stick, tape measure

Weight

mass: big, bigger, small, smaller
weight: heavy/light, heavier/lighter,
heaviest/ lightest
kilogram, half kilogram,
gram weigh, weighs,
balances heavy, light
heavier than, lighter than
heaviest, lightest
scales

Capacity and volume

litre, half litre, millilitre
capacity
volume
full
empty
more than
less than
half full
quarter full
holds, contains
container, measuring
cylinder **pint**, **gallon**

Temperature

temperature
degree
centigrade

Time

time
days of the week, Monday, Tuesday ...
months of the year (January, February
...) seasons: spring, summer, autumn,
winter

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Time continued

day, week, weekend, fortnight, month,
year, leap year, century, millennium
birthday, holiday
morning, afternoon, evening,
night bedtime, dinner time,
playtime today, yesterday,
tomorrow before, after
earlier, later
next, first, last
noon, midnight
calendar, date, date of birth
now, soon, early, late, earliest,
latest quick, quicker, quickest,
quickly slow, slower, slowest,
slowly old, older, oldest
new, newer, newest
takes longer, takes less
time how long ago?
how long will it be to ...?
how long will it take to ...?
how often?
always, never, often, sometimes
usually
once, twice
hour, o'clock, half past, quarter
past, quarter to
5, 10, 15 ... minutes
past a.m., p.m.
clock, clock face, watch, hands
digital/analogue clock/watch,
timer hour hand, minute hand
hours, minutes,
seconds timetable,
arrive, depart Roman
numerals
12-hour clock time, 24-hour clock time

Money

money
coin
penny, pence, pound
price, cost, buy, bought, sell, sold
spend, spent
pay

Money continued

change
dear, costs more
cheap, costs less,
cheaper costs the same
as how much ...?
how many ...?
total
discount
currency

GEOMETRY

Properties of shape

shape, pattern
flat, line
curved, straight
round
hollow, solid
sort
make, build, construct, draw,
sketch perimeter
centre, radius, diameter
surface
angle, right-angled
congruent
base, square-based
size
bigger, larger, smaller
symmetry, symmetrical, symmetrical
pattern line symmetry
reflect, reflection
axis of symmetry, reflective
symmetry pattern, repeating
pattern match
regular, irregular

2-D shape

2-D, two-dimensional
corner, side
point, pointed
rectangle (including square),
rectangular, oblong
rectilinear
circle, circular
triangle, triangular
equilateral triangle, isosceles
triangle, scalene triangle

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2-D shape continued

pentagon, pentagonal
hexagon, hexagonal
heptagon
octagon, octagonal
quadrilateral
parallelogram, rhombus, trapezium
polygon
right -angled
parallel, perpendicular
x-axis, y-axis, quadrant
composite shape

3-D shape

3-D, three-dimensional
face, edge, vertex, vertices
cube, cuboid
pyramid
sphere, hemisphere,
spherical cone
cylinder, cylindrical
prism, triangular prism
tetrahedron, polyhedron
octahedron

Position and direction

position
over, under, underneath
above, below
top, bottom, side
on, in
outside, inside
around
in front, behind
front, back
beside, next to
opposite
apart
between
middle, edge
centre
corner
direction
journey, route
left, right
up, down
higher, lower

forwards, backwards,
sideways across
next to, close, near, far
along
through
to, from, towards, away
from clockwise,
anticlockwise compass
point
north, south, east, west, N, S, E, W
north-east, north-west, south-
east, south-west, NE, NW, SE, SW
horizontal, vertical,
diagonal translate,
translation **coordinate**
movement
slide
roll
turn
stretch, bend
whole turn, half turn, quarter
turn, three-quarter turn
rotate, rotation
angle, is a greater/smaller angle than
degree
right angle
acute angle
obtuse angle
reflection
straight line
ruler, set square
angle measurer, compass, **protractor**
scale factor

STATISTICS

count, tally, sort, vote
survey, questionnaire, data,
database graph, block graph,
pictogram represent
group, set
list, table, chart, bar chart, frequency
table, **bar line chart**
Carroll diagram, Venn
diagram **line graph**
label, title, axis, axes
diagram

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most popular, most
common least popular,
least common
maximum/minimum
value outcome

GENERAL

pattern
puzzle
problem, problem solving
mental, mentally
what could we try next?
how did you work it out?
show how you ...
explain your thinking
explain your method
describe the pattern
describe the rule
investigate
recognise
describe
draw
compare
sort
greatest value, least value
mental calculation
written calculation
statement
justify
make a statement
explain your reasoning
appropriate
reliable
efficient
(ARE – in relation to choice of methods)
ordered
organised
(both in relation to
problem solving)
Predict
Pattern
Prove
(these three in relation to problem
solving)