

YEAR 4 Maths Vocabulary List

Parents, do practise these at home!

NUMBER

number	odd, even	most, biggest, largest, greatest
numeral	multiple of, factor of	one more, ten more, one hundred more, one thousand more
zero	sequence	one less, ten less, one hundred less, one thousand less
one, two, three ... twenty	continue	equal to
teens numbers, eleven, twelve ... twenty	predict	compare
twenty-one, twenty-two ... one hundred, two hundred ... one thousand ... ten thousand, hundred thousand, million	few	order
none	pattern	size
how many ...?	pair, rule	first, second, third ... twentieth
count, count (up) to, count on (from, to),	relationship	twenty-first, twenty-second ...
count back (from, to)	next, consecutive	last, last but on
forwards	> greater than	before, after
backwards	< less than	next
count in ones, twos, fives, tens, threes,	Roman numerals	between
fours, eights, fifties, sixes, sevens, nines,	integer, positive, negative	halfway between
twenty-fives and so on to hundreds,	above/below zero, minus	above, below
thousands	negative numbers	
equal to	Place value	Estimating
equivalent to	ones	guess
is the same as	tens, hundreds	how many
more, less	digit	estimate
most, least	one-, two- or three-digit number	nearly
tally	place, place value	roughly
many	stands for, represents	close to
	exchange	approximate, approximately
	the same number as, as many as	about the same as
	more, larger, bigger, greater	just over, just under
	fewer, smaller, less	exact, exactly
	fewest, smallest, least	

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too many, too few

enough, not enough

round, nearest, round to the nearest ten,

hundred, thousand

round up, round down

Addition and subtraction

addition

add, more, and

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 ...?

subtract

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

tens boundary, hundreds boundary

inverse

Multiplication and division

multiplication

multiply

multiplied by

multiple, factor

groups of

times

product

once, twice, three times ... ten times

repeated addition

division

dividing, divide, divided by, divided into

left, left over, remainder

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

inverse

square, squared

cube, cubed

Fractions (including decimals)

fraction

equivalent fraction

mixed number

numerator, denominator

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

decimal, decimal fraction, decimal point, decimal place, decimal equivalent

proportion

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MEASUREMENT

measure
measurement
size
compare
unit, standard unit
metric 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)
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

Temperature

temperature
degree
centigrade

Time

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

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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

change

dear, costs more

cheap, costs less, cheaper

costs the same as

how much ...?

how many ...?

Total

GEOMETRY

Properties of shape

shape, pattern

flat, line

curved, straight

round

hollow, solid

sort

make, build, construct, draw, sketch

perimeter

centre

surface

angle, right-angled

base, square-based

size

bigger, larger, smaller

symmetry, symmetrical, symmetrical pattern

line symmetry

reflect, reflection

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

pentagon, pentagonal

hexagon, hexagonal

heptagon

octagon, octagonal

quadrilateral

parallelogram, rhombus, trapezium

polygon

right-angled

parallel, perpendicular

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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

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

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

STATISTICS

count, tally, sort, vote

survey, questionnaire, data

graph, block graph, pictogram

represent

group, set

list, table, chart, bar chart, frequency table

Carroll diagram, Venn diagram

label, title, axis, axes

diagram

most popular, most common

least popular, least common

GENERAL

pattern

puzzle

problem, problem solving

mental, mentally

what could we try next?

how did you work it out?

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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