

Year 6 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

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
prime factor
ascending/descending order
digit total
BODMAS/BIDMAS
Operation(s)

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

Estimating

guess
how many ...?
estimate
nearly
roughly
close to
approximate, approximately
about the same as

Year 6 Maths Vocabulary List

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

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
take, 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?
quantity
amount
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
dividing, divide, divided by, divided into
left, left over, remainder
quotient
dividend
divisor
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
triangular number
average, mean
brackets

Fractions (including decimals, percentages, ratio and proportion)

fraction, proper/improper fraction
equivalent fraction
mixed number
numerator, denominator, vinculum
simplify
equivalent, reduced to, cancel
equal part
equal grouping
equal sharing
parts of a whole
half, two halves
one of two equal parts

Year 6 Maths Vocabulary List

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

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
ratio
percentage, per cent, %
recurring

Algebra

formula, **formulae**
equation
unknown
variable

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

centimetre, metre, millimetre,
kilometre, mile, **yard, foot,**
feet, inch, inches
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,
circumference
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
tonne, kilogram, half kilogram, gram,
pound, ounce
weigh, weighs, balances
heavy, light
heavier than, lighter than
heaviest, lightest
scales

Capacity and volume

litre, half litre, millilitre, **centilitre**
cubic centimetres(cm³), cubic
metres (m³), cubic millimetres
(mm³), cubic kilometres (km³)
capacity
volume
full
empty
more than
less than
half full
quarter full
holds, contains
container, measuring
cylinder pint, gallon

Temperature

temperature
degree
centigrade

Year 6 Maths Vocabulary List

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

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 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
Greenwich Mean 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
discount
currency
profit, loss

GEOMETRY

Properties of shape

shape, pattern
flat, line
curved, straight
round
hollow, solid
sort
make, build, construct, draw, sketch
perimeter
centre, radius, diameter
circumference, concentric, arc net, open, closed
surface
angle, right-angled
congruent
intersecting, intersection plane
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

Year 6 Maths Vocabulary List

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

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, **kite**
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
dodecahedron
net, open, closed

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
reflex angle
reflection
straight line
ruler, set square
angle measurer, compass, protractor
scale factor

STATISTICS

count, tally, sort, vote
survey, questionnaire, data
graph, block graph, pictogram
represent
group, set

Year 6 Maths Vocabulary List

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

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?
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
explain your reasoning
ordered, organised
(both in relation to
problem solving)
Predict, Pattern,
Prove (these three in
relation to problem
solving)
justify
make a statement
Appropriate, Reliable
Efficient (ARE – in relation to choice of
methods)