

Mathematical Vocabulary Checklists

YEAR 3

Numbers and the number system

COUNTING, PROPERTIES OF NUMBERS AND NUMBER SEQUENCES

number
zero, one, two, three... to twenty and beyond
zero, ten, twenty... one hundred
zero, one hundred, two hundred... one thousand
none
how many...?
count, count (up) to
count on (from, to)
count back (from, to)
count in ones, twos, threes, fours, fives...
count in tens, **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

units, ones
tens, hundreds
digit
one-, two- or 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

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 (**up or down**)
nearest, round to the nearest ten

FRACTIONS

part, equal parts
fraction
one whole
one half, two halves
one quarter, two... three... four quarters
one third, two thirds, three thirds
one tenth

Calculations

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...?
how much more is...?
-, subtract, subtraction, take (away), minus
leave, how many are left/left over?
one less, two less... ten less... one hundred less
how many fewer is... than...?
how much less is...?
difference between
half, halve
=, equals, sign, is the same as
tens boundary, **hundreds boundary**

MULTIPLICATION AND DIVISION

lots of, groups of
×, times, multiply, **multiplication**, multiplied
by multiple of, **product**
once, twice, three times... ten 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... tens
 equal groups of
 ÷, divide, **division**, divided by, divided into
 left, left over, **remainder**

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**

MONEY

money
 coin, **note**
 penny, pence, pound (£)
 price, cost
 buy, bought, sell, sold
 spend, spent
 pay
 change
 dear, costs more, **more/most expensive**
 cheap, costs less, cheaper, **less/least expensive**
 how much...? how many...?
 total, **amount**
value, worth

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

Measures, shape and space

MEASURES (GENERAL)

measure
 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

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)
mile
 ruler, metre stick, tape measure

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
 days of the week: Monday, Tuesday...
 months of the year: January, February...
 seasons: spring, summer, autumn, winter
 day, week, fortnight, month, year, **century**
 weekend, birthday, holiday
calendar, date
 morning, afternoon, evening, night, midnight
am, pm
 bedtime, dinnertime, playtime
 today, yesterday, tomorrow

YEAR 3

before, after
next, last
now, soon, early, late, **earliest, latest**
quick, quicker, quickest, quickly
fast, faster, fastest
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...?
hour, minute, second
o'clock, half past, quarter to, quarter past
clock, watch, hands
digital/analogue clock/watch, timer
how often?
always, never, often, sometimes, usually
once, twice

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

3D SHAPES

cube
cuboid
pyramid
sphere, **hemi-sphere**
cone
cylinder
prism

2D SHAPES

circle, circular, **semi-circle**
triangle, triangular
square
rectangle, rectangular
star
pentagon, **pentagonal**
hexagon, **hexagonal**
octagon, **octagonal**
quadrilateral

PATTERNS AND SYMMETRY

size
bigger, larger, smaller
symmetrical
line of symmetry
fold
match
mirror line, reflection
pattern
repeating pattern

POSITION, DIRECTION AND MOVEMENT

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, **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
clockwise, anti-clockwise
compass point
north, south, east, west (N, S, E, W)
horizontal, vertical
diagonal
movement
slide
roll
whole turn, half turn, quarter turn
angle, ...is a greater/smaller angle than
right angle
straight line
stretch, bend

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
describe the rule

find, find all, find different
investigate

choose
decide
collect

use
make
build

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
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 number/s
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 order

not
all, every, each

