



# Mathematical Vocabulary

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# EARLY YEARS FOUNDATION STAGE

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## NUMBER

### Number and place value

#### *Number*

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  
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  
how many ...?  
estimate  
nearly  
close to  
about the same as  
just over, just under  
too many, too few  
enough, not enough

### Addition and 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 and division

sharing  
doubling  
halving  
number patterns

### Fractions

parts of a whole  
half  
quarter

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## 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 and 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

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

## GEOMETRY

### Properties of shape

shape, pattern

flat

curved, straight

round

hollow, solid

sort

make, build, draw

size

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bigger, larger, smaller  
symmetrical  
pattern, repeating pattern  
match

### ***2-D shape***

corner, side  
rectangle (including square)  
circle  
triangle

### ***3-D shape***

face, edge, vertex, vertices  
cube  
pyramid  
sphere  
cone

### **Position and 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

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## NUMBER

### Number and place value

#### *Number*

number

numeral

zero

one, two, three ... twenty

teens numbers, eleven, twelve ... twenty

twenty-one, twenty-two ... one hundred

none

how many ...?

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

forwards

backwards

count in ones, twos, fives, tens

equal to

equivalent to

is the same as

more, less

most, least

many

odd, even

multiple of

few

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

equal to

one more, ten more

one less, ten less

compare

order

size

first, second, third... twentieth

last, last but one

before, after

next

between

half-way between

above, below

#### *Estimating*

guess

how many ...?

estimate

nearly

roughly

close to

about the same as

just over, just under

too many, too few

enough, not enough

#### *Addition and subtraction*

addition

add, more, and

make, sum, total

altogether

double

near double

half, halve

one more, two more ... ten 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 ...

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

how much less is ...?

difference between

equals

is the same as

number bonds/pairs

missing number

## Multiplication and division

multiplication

multiply

multiplied by

multiple

division

dividing

grouping

sharing

doubling

halving

array

number patterns

## Fractions

fraction

equal part

equal grouping

equal sharing

parts of a whole

half

one of two equal parts

quarter

one of four equal parts

## MEASUREMENT

measure

measurement

size

compare

guess, estimate

enough, not enough

too much, too little

too many, too few

nearly, close to, about the same as

roughly

just over, just under

### Length

centimetre, 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

ruler

metre stick

### Weight

kilogram, half kilogram

weigh, weighs, balances

heavy, light

heavier than, lighter than

heaviest, lightest

scales

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## **Capacity and volume**

litre, half litre

capacity

volume

full

empty

more than

less than

half full

quarter full

holds

container

## **Time**

time

days of the week, Monday, Tuesday ...

months of the year (January, February ...)

seasons: spring, summer, autumn, winter

day, week, weekend, month, year

birthday, holiday

morning, afternoon, evening, night

bedtime, dinner time, playtime

today, yesterday, tomorrow

before, after

earlier, later

next, first, last

midnight

date

now, soon, early, late

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

clock, clock face, watch, hands

hour hand, minute hand

hours, minutes

## **Money**

money

coin

penny, pence, pound

price, cost

buy, sell

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

curved, straight

round

hollow, solid

sort

make, build, draw

size

bigger, larger, smaller

symmetry, symmetrical, symmetrical pattern

pattern, repeating pattern

match



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## **2-D shape**

corner, side

point, pointed

rectangle (including square)

circle

triangle

## **3-D shape**

face, edge, vertex, vertices

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

beside, next to

opposite

apart

between

middle, edge

centre

corner

direction

journey

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, quarter turn,  
three-quarter turn

## **STATISTICS**

count, sort, vote

group, set

list, table

## **GENERAL**

pattern

puzzle

problem, problem solving

mental, mentally

what could we try next?

how did you work it out?

explain your thinking

recognise

describe

draw

compare

sort



# YEAR 2

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## 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**  
none  
how many ...?  
count, count (up) to, count on (from, to),  
count back (from, to)  
forwards  
backwards  
count in ones, twos, fives, tens, **threes, fours and so on**  
equal to  
equivalent to  
is the same as  
more, less  
most, least  
**tally**  
many  
odd, even  
multiple of  
**sequence**  
**continue**  
**predict**  
few  
pattern  
pair, **rule**  
**> greater than**  
**< less than**

#### *Place value*

ones  
tens, **hundreds**  
digit  
**one-, two- or three-digit number**  
**place, place value**  
**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 less, ten 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  
about the same as  
just over, just under  
**exact, exactly**

too many, too few  
enough, not enough

### **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**  
**tens boundary**

### **Multiplication and division**

multiplication  
multiply  
multiplied by  
multiple  
**groups of**  
**times**  
**once, twice, three times ... ten times**  
**repeated addition**

division  
dividing, **divide, divided by, divided into**  
grouping  
sharing, **share, share equally**  
**left, left over**  
**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**

### **Fractions**

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**

### **MEASUREMENT**

measure  
measurement  
size  
compare  
**measuring scale**

guess, estimate  
enough, not enough  
too much, too little  
too many, too few  
nearly, close to, about the same as  
roughly  
just over, just under

### **Length**

centimetre, 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, **further**, **furthest**, near, close  
ruler  
metre stick, **tape measure**

### **Weight**

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

### **Temperature**

**temperature**  
**degree**

### **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  
birthday, holiday  
morning, afternoon, evening, night  
bedtime, dinnertime, playtime  
today, yesterday, tomorrow  
before, after  
earlier, later  
next, first, last  
midnight  
date  
now, soon, early, late  
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**

clock, clock face, watch, hands  
digital/analogue clock/watch, timer  
hour hand, minute hand  
hours, minutes, seconds

## **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  
curved, straight  
round  
hollow, solid  
sort  
make, build, draw  
surface  
size  
bigger, larger, smaller  
symmetry, symmetrical, symmetrical pattern  
line symmetry  
pattern, repeating pattern  
match

### **2-D shape**

corner, side  
point, pointed  
rectangle (including square), rectangular  
circle, circular  
triangle, triangular  
pentagon  
hexagon  
octagon

### **3-D shape**

face, edge, vertex, vertices  
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  
beside, next to  
opposite  
apart  
between  
middle, edge  
centre  
corner  
direction  
journey, route  
left, right

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up, down  
higher, lower  
forwards, backwards, sideways  
across  
next to, close, near, far  
along  
through  
to, from, towards, away from  
clockwise, anticlockwise  
movement  
slide  
roll  
turn  
stretch, bend  
whole turn, half turn, quarter turn,  
three-quarter turn  
right angle  
straight line

## STATISTICS

count, tally, sort, vote  
graph, block graph, pictogram  
represent  
group, set  
list, table  
label, title  
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  
mental calculation  
written calculation

# YEAR 3

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## 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

none

how many ...?

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

forwards

backwards

count in ones, twos, fives, tens, threes, fours, **eights**, **fifties** and so on to **hundreds**

equal to

equivalent to

is the same as

more, less

most, least

tally

many

odd, even

multiple of, **factor of**

sequence

continue

predict

few

pattern

pair, rule

**relationship**

> greater than

< less than

**Roman numerals**

#### *Place value*

ones

tens, hundreds

digit

one-, two- or three-digit number

place, place value

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 less, ten less, **one hundred 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

just over, just under



exact, exactly

too many, too few

enough, not enough

round, nearest, round to the nearest ten,  
hundred

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

## 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

## Fractions

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 ...



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## MEASUREMENT

measure  
measurement  
size  
compare  
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  
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**  
**perimeter**  
ruler  
metre stick, tape measure

### **Weight**

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

## **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,  
**century**  
birthday, holiday  
morning, afternoon, evening, night  
bedtime, dinner time, playtime  
today, yesterday, tomorrow  
before, after  
earlier, later  
next, first, last  
midnight  
**calendar**, date  
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  
**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  
curved, straight  
round  
hollow, solid  
sort  
make, build, draw  
**perimeter**  
surface  
size  
bigger, larger, smaller  
symmetry, symmetrical, symmetrical pattern  
line symmetry  
pattern, repeating pattern  
match

### **2-D shape**

corner, side  
point, pointed  
rectangle (including square), rectangular  
circle, circular  
triangle, triangular  
pentagon, **pentagonal**  
hexagon, **hexagonal**  
octagon, **octagonal**  
**quadrilateral**  
**right-angled**  
**parallel, perpendicular**

### **3-D shape**

face, edge, vertex, vertices  
cube, cuboid  
pyramid  
sphere, **hemisphere**  
cone  
cylinder  
**prism, triangular prism**

### **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**  
**horizontal, vertical, diagonal**  
movement  
slide  
roll  
turn  
stretch, bend  
whole turn, half turn, quarter turn,  
three-quarter turn  
**angle ... is a greater/smaller angle than**  
right angle

**acute angle**  
**obtuse angle**  
straight line

## STATISTICS

count, tally, sort, vote  
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?  
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**

# YEAR 4

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## 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 ...?  
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  
sequence  
continue  
predict  
few  
pattern  
pair, rule  
relationship

**next, consecutive**

> greater than

< less than

Roman numerals

**integer, positive, negative**

**above/below zero, minus**

**negative numbers**

#### *Place value*

ones

tens, hundreds

digit

one-, two- or three-digit number

place, place value

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 on

before, after

next

between

halfway 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, 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**

## 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 (cm<sup>2</sup>)**  
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

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

## **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?

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**

## 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 ...?

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

continue

predict

few

pattern

pair, rule

relationship

next, consecutive

> greater than

< less than

≥ greater than or equal to

≤ 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

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  
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  
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, **ones  
boundary, tenths 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 and percentages)

fraction, **proper/improper fraction**  
equivalent fraction  
mixed number  
numerator, denominator  
**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 (cm<sup>2</sup>), **square metre (m<sup>2</sup>)**,  
**square millimetre (mm<sup>2</sup>)**  
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  
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  
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  
pentagon, pentagonal  
hexagon, hexagonal  
heptagon  
octagon, octagonal  
quadrilateral  
parallelogram, rhombus, trapezium

polygon  
right -angled  
parallel, perpendicular  
**x-axis, y-axis, quadrant**

### **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**

## 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  
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**

# YEAR 6

## 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 ...?  
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  
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  
**factorise**  
**prime factor**  
ascending/descending order  
**digit total**

#### *Place value*

ones  
tens, hundreds  
digit  
one-, two- or three-digit number  
place, place value  
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  
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  
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, ones  
boundary, tenths 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, percentages, ratio and proportion)**

fraction, proper/improper fraction

equivalent fraction  
mixed number  
numerator, denominator  
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  
**ratio**  
percentage, per cent, %

## 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 (cm<sup>2</sup>), square metre (m<sup>2</sup>)  
square millimetre (mm<sup>2</sup>)  
ruler  
metre stick, tape measure

## Weight

mass: big, bigger, small, smaller  
weight: heavy/light, heavier/lighter, heavies  
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 (cm<sup>3</sup>)**, **cubic metres (m<sup>3</sup>)**,  
**cubic millimetres (mm<sup>3</sup>)**, **cubic kilometres**  
**(km<sup>3</sup>)**  
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

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, British Summer Time, International Date Line

## **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

### **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

### **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

## 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  
**pie chart**  
label, title, axis, axes  
diagram  
most popular, most common  
least popular, least common  
maximum/minimum value  
outcome  
**mean (mode, median, range as estimates  
for this)**  
**statistics, distribution**

## 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