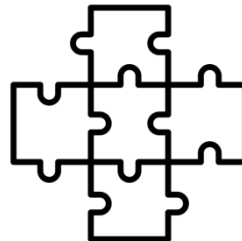
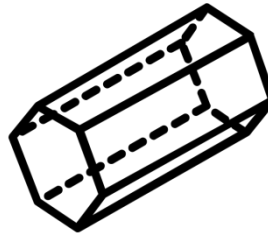
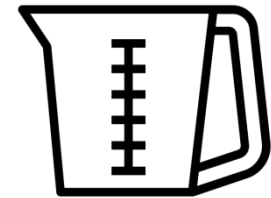
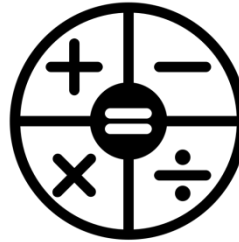
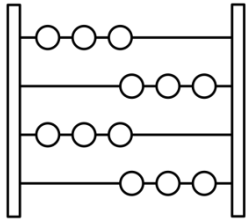




Vital Vocabulary





Vital Vocabulary for: **Number**

In Reception, you said:

the same as

more, less

few

pattern

order

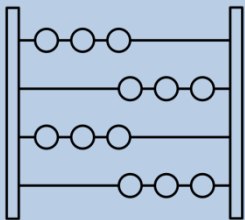
pair

more, larger, bigger, greater

fewer, smaller, less

fewest, smallest, least

most, biggest, largest, greatest



In Year 1, we say:

equal to, the same as

odd, even

compare

value

between, halfway between

above, below



Vital Vocabulary for: Addition and Subtraction

In Reception, you said:

add, more
make, sum, total
altogether
double
one more, two more ... ten more
take away
left/left over
one less, two less, ten less ...
... is fewer than ...
difference between



In Year 1, we say:

addition
subtraction
double
half
halve
equals
is the same as
number bonds/pairs
missing number





Vital Vocabulary for: **Multiplying and dividing**

In Reception, you said:

sharing
doubling
halving
number patterns



In Year 1, we say:

multiplication
multiply
multiplied by
multiple
division
dividing
grouping





Vital Vocabulary for: **Measure**

In Reception, you said:

measure

size

compare

guess, estimate

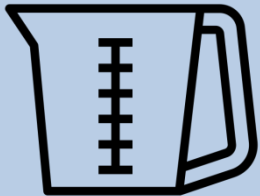
enough, not enough

too much, too little

too many, too few

nearly, close to, about the
same as

just over, just under



In Year 1, we say:

measurement

roughly

ruler

measuring stick

metre stick





Vital Vocabulary for: **Measure**

In Reception, you said:

length, height, width, depth

long, short, tall

high, low

wide, narrow

thick, thin

weigh, weighs, balances

heavy, light

heavier than, lighter than

heaviest, lightest

scales



In Year 1, we say:

centimetre

metre

kilogram

half a kilogram

capacity

litre

half a litre





Vital Vocabulary for: **Measure**

In Reception, you said:

full
empty
half full
holds
container
quick, quicker, quickest, quickly
slow, slower, slowest, slowly
old, older, oldest
new, newer, newest
takes longer, takes less time
penny, pence, pound
price, cost
buy, sell
spend, spent



In Year 1, we say:

more than
less than
quarter full
months of the year
spring, summer, autumn,
winter
always, never, often,
sometimes





Vital Vocabulary for: **Position & Direction**

In Reception, you said:

position
over, under
above, below
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

In Year 1, we say:

underneath
centre
journey
quarter turn
three quarter turn





Vital Vocabulary for: Shape

In Reception, you said:

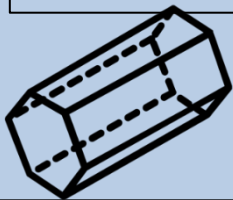
flat
curved, straight
round
hollow, solid
size
bigger, larger, smaller
symmetrical
pattern, repeating pattern
match

2D shapes

corner, side
rectangle
(including square)
circle
triangle

3D shapes

face, edge, vertex,
vertices
cube
pyramid
sphere
cone



In Year 1, we say:

Symmetry

Symmetrical pattern

2D shapes

point
pointed

3D shapes

cuboid
cylinder





Vital Vocabulary for: **Fractions**

In Reception, you said:

parts of a whole

half

quarter



In Year 1, we say:

fraction

equal part

equal grouping

equal sharing

one of two equal parts

one of four equal parts





Vital Vocabulary for: Problem Solving

In Reception, you said:

pattern

puzzle

what could we try next?

how did you work it out?

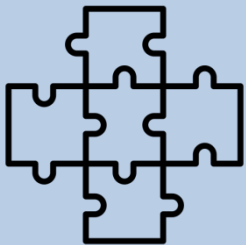
recognise

describe

draw

compare

sort



In Year 1, we say:

problem, problem solving

mental, mentally

explain your thinking





Vital Vocabulary for: **Number**

In Year 1, you said:

equal to, the same as =

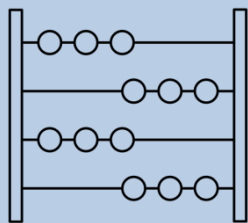
odd, even

compare

value

between, halfway between

above, below



In Year 2, we say:

partition

recombine

equivalent to =

sequence

less than <

greater than >





Vital Vocabulary for: **Addition & Subtraction**

In Year 1, you said:

addition

subtraction

double

half

halve

equals

is the same as

number bonds/pairs

missing number



In Year 2, we say:

one hundred more

one hundred less

number bond facts

number pair facts

how many more is ... than ...?

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

tens boundary

exchange





Vital Vocabulary for: **Multiplying and Dividing**

In Year 1, you said:

multiplication

multiply

multiplied by

multiple

division

dividing

grouping



In Year 2, we say:

groups of

times

repeated addition

divide, divided by, divided into

share, share equally

left, left over

one each, two each, three each ... ten each

group in pairs, threes ... tens

equal groups of

array

multiplication table

multiplication fact, division fact





Vital Vocabulary for: **Measure**

In Year 1, you said:

half full
quarter full
capacity
length, width, height, depth
weight
metre
kilogram
litre
seasons
months



In Year 2, we say:

measuring scale
gram
millilitre
further, furthest
bought
sold
temperature, degree
fortnight
minutes past
minutes to
digital clock
analogue clock
seconds





Vital Vocabulary for: **Position and Direction**

In Year 1, you said:

underneath
centre
journey
quarter turn
three quarter turn



In Year 2, we say:

route
clockwise
anti-clockwise
right angle
straight line





Vital Vocabulary for: Shape

In Year 1, you said:

symmetry

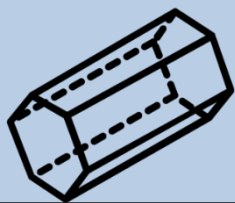
symmetrical pattern

2D shapes

corner, side
rectangle
(including square)
circle
triangle
pointed

3D shapes

face, edge, vertex,
vertices
cube
pyramid
sphere
cone
cuboid
cylinder



In Year 2, we say:

surface

line symmetry

2D shapes

rectangular
circular
triangular
pentagon
hexagon
Octagon





Vital Vocabulary for: **Fractions**

In Year 1, you said:

fraction

equal part

equal grouping

equal sharing

one of two equal parts

one of four equal parts



In Year 2, we say:

equivalent fraction

mixed number

numerator

denominator

two halves

two quarters, three quarters

one third, two thirds

one of three equal parts





Vital Vocabulary for: Data and Statistics

In Reception & Year 1, you said:

count, sort, vote

group, set

list, table



In Year 2, we say:

tally

graph, block graph, pictogram

represent

label, title

most popular, most common

least popular, least common

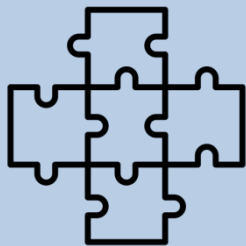




Vital Vocabulary for: Problem Solving

In Year 1, you said:

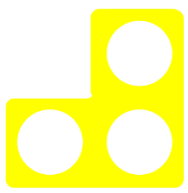
problem, problem solving
mental, mentally
explain your thinking
recognise
compare



In Year 2, we say:

explain your method
describe the pattern
describe the rule
investigate
mental calculation
written calculation





Vital Vocabulary for: **Number**

In Year 2, you said:

greater than $>$

less than $<$

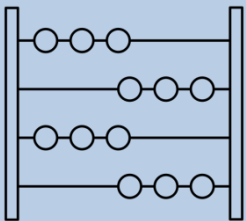
equal to $=$

partition

recombine

equivalent to

sequence

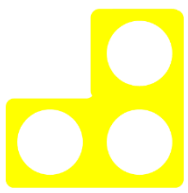


In Year 3, we say:

multiple of

factor of





Vital Vocabulary for: **Addition & Subtraction**

In Year 2, you said:

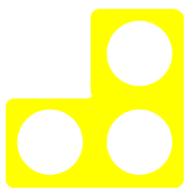
one hundred more
one hundred less
number bond facts
number pair facts
tens boundary



In Year 3, we say:

how many more is ... than ...?
how many fewer is ... than ...?
hundreds boundary





Vital Vocabulary for: **Multiplying and Dividing**

In Year 2, you said:

groups of
times

repeated addition

divide, divided by, divided into

share, share equally

left, left over

one each, two each, three each ... ten
each

group in pairs, threes ... tens

equal groups of

array



multiplication table

multiplication fact

division fact

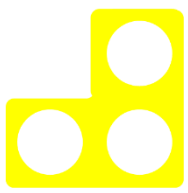
In Year 3, we say:

factor

product

remainder

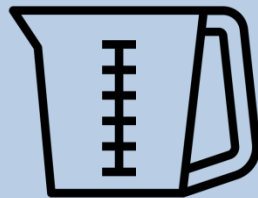




Vital Vocabulary for: **Measure**

In Year 2, you said:

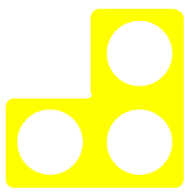
measuring scale
gram
millilitre
further, furthest
bought
sold
temperature, degree
fortnight
minutes past
minutes to
digital clock
analogue clock
seconds



In Year 3, we say:

approximately
millimetre
kilometre
mile
distance apart, between, to, from
perimeter
centigrade
century
calendar
a.m, p.m
12 hour time, 24 hour time
Roman numerals





Vital Vocabulary for: **Position and Direction**

In Year 2, you said:

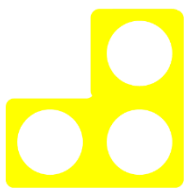
route
clockwise
anti-clockwise
right angle
straight line



In Year 3, we say:

compass point
north, south, east, west, N, S,
E, W
horizontal, vertical, diagonal
... is a greater/smaller angle
than ...
acute angle
obtuse angle





Vital Vocabulary for: Shape

In Year 2, you said:

symmetry

symmetrical pattern

surface

line symmetry

2D shapes

rectangular

circular

triangular

pentagon

hexagon

octagon

3D shapes

face, edge, vertex,

vertices

cube

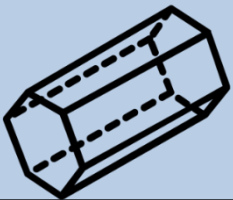
pyramid

sphere

cone

cuboid

cylinder



In Year 3, we say:

perimeter

right angled

parallel

perpendicular

2D shapes

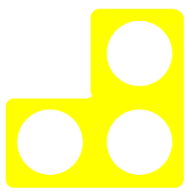
pentagonal

hexagonal

octagonal

quadrilateral





Vital Vocabulary for: Fractions

In Year 2, you said:

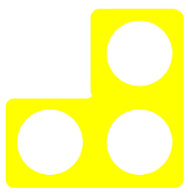
equivalent fraction
mixed number
numerator
denominator
two halves
two quarters, three quarters
one third, two thirds
one of three equal parts



In Year 3, we say:

sixths, sevenths, eighths,
tenths ...





Vital Vocabulary for: Data and Statistics

In Year 2, you said:

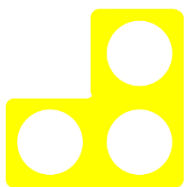
tally
graph, block graph, pictogram
represent
label, title
most popular, most common
least popular, least common



In Year 3, we say:

chart, bar chart, frequency
table
Carroll diagram, Venn diagram
axis, axes
diagram

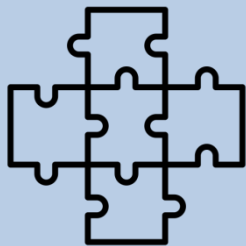




Vital Vocabulary for: Problem Solving

In Year 2, you said:

explain your method
describe the pattern
describe the rule
investigate
mental calculation
written calculation



In Year 3, we say:

greatest value
least value
statement





Vital Vocabulary for: **Number**

In Year 3, you said:

greater than $>$

less than $<$

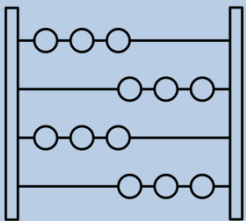
equal to $=$

equivalent to

sequence

multiple of

factor of



In Year 4, we say:

tenths, hundredths

decimal (places)

round (to nearest)

integers

positive integers

negative integers

count through zero

consecutive

Roman numerals (I to C)





Vital Vocabulary for: **Addition & Subtraction**

In Year 3, you said:

how many more is ... than ...?
how many fewer is ... than ...?
hundreds boundary



In Year 4, we say:

how many more is ... than ...?
how many fewer is ... than ...?
inverse





Vital Vocabulary for: **Multiplying and Dividing**

In Year 3, you said:

factor

product

remainder

multiplication table

multiplication fact

division fact



In Year 4, we say:

factor

product

remainder

multiplication table

multiplication fact

division fact

inverse

square, squared

cube, cubed

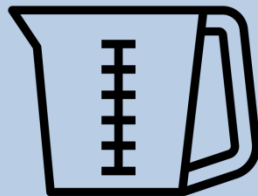




Vital Vocabulary for: **Measure**

In Year 3, you said:

approximately
millimetre
kilometre
mile
distance apart, between, to, from
perimeter
centigrade
century
calendar
a.m, p.m
12 hour time, 24 hour time
Roman numerals



In Year 4, we say:

unit, standard unit
metric unit
area
covers
square centimetre (cm²)
mass: big, bigger, small, smaller
weight: heavy/light, heavier/lighter,
heaviest/lightest
leap year
millennium
date of birth
timetable
arrive
depart





Vital Vocabulary for: **Position and Direction**

In Year 3, you said:

compass point
north, south, east, west, N, S, E, W
horizontal, vertical, diagonal
... is a greater/smaller angle than ...
acute angle
obtuse angle



In Year 4, we say:

north-east, north-west, south-east, south-west, NE, NW, SE, SW
translate
translation
rotate
rotation
degree
reflection
set square
angle measurer
compass





Vital Vocabulary for: Shape

In Year 3, you said:

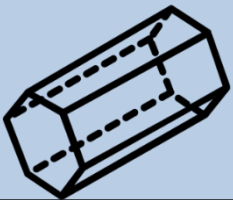
perimeter
right angled
parallel
perpendicular

2D shapes

pentagonal
hexagonal
octagonal
quadrilateral

3D shapes

face, edge, vertex,
vertices
cube
pyramid
sphere
cone
cuboid
cylinder



In Year 4, we say:

line
construct
sketch
centre
angle
square based, base
reflect, reflection
regular, irregular

2D shapes

oblong
rectilinear
equilateral
triangle, isosceles
triangle, scalene
triangle
parallelogram,
rhombus,
trapezium
polygon

3D shapes

spherical
cylindrical
tetrahedron
polyhedron





Vital Vocabulary for: Fractions and Decimals

In Year 3, you said:

equivalent fraction
mixed number
numerator
denominator
halves, quarters, thirds
sixths, sevenths, eighths,
tenths ...



In Year 4, we say:

hundredths
decimal
decimal fraction
decimal point
decimal place
decimal equivalent
proportion





Vital Vocabulary for: Data and Statistics

In Year 3, you said:

tally

graph, block graph, pictogram

represent

label, title

most popular, most common

least popular, least common

chart, bar chart, frequency table

Carroll diagram, Venn diagram

axis, axes

diagram



In Year 4, we say:

survey

questionnaire

data

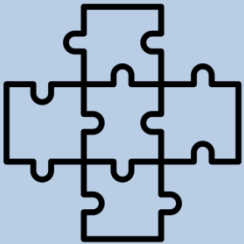




Vital Vocabulary for: Problem Solving

In Year 3, you said:

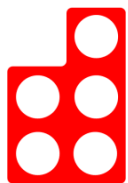
explain your method
describe the pattern
describe the rule
investigate
mental calculation
written calculation
greatest value
least value
statement



In Year 4, we say:

justify
make a statement





Vital Vocabulary for: Number

In Year 4, you said:

tenths, hundredths

decimal (places)

round (to nearest)

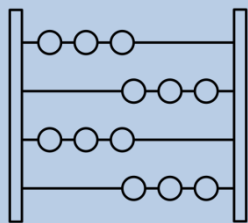
integers

positive integers

negative integers

count through zero

consecutive



In Year 5, we say:

relationship

powers of 10

factor pair

formula

\geq greater than or equal to

\leq less than or equal to

divisibility

square number

prime number

ascending order

descending order





Vital Vocabulary for: Addition & Subtraction

In Year 4, you said:

how many more is ... than ...?
how many fewer is ... than ...?
inverse



In Year 5, we say:

how many more is ... than ...?
how many fewer is ... than ...?
inverse
ones boundary
tenths boundary





Vital Vocabulary for: **Multiplying and Dividing**

In Year 4, you said:

factor

product

remainder

multiplication table

multiplication fact

division fact

inverse

square, squared

cube, cubed



In Year 5, we say:

factor

product

remainder

multiplication table

multiplication fact

division fact

inverse

square, squared

cube, cubed





Vital Vocabulary for: **Measure**

In Year 4, you said:

unit, standard unit

metric unit

area

covers

square centimetre (cm²)

mass: big, bigger, small, smaller

weight: heavy/light, heavier/lighter,
heaviest/lightest

leap year

millennium

date of birth

timetable

arrive

depart



In Year 5, we say:

imperial unit

pint

gallon

square metre (m²)

square millimetre (mm²)

discount

currency





Vital Vocabulary for: **Position and Direction**

In Year 4, you said:

north-east, north-west, south-east,
south-west, NE, NW, SE, SW

translate

translation

rotate

rotation

degree

reflection

set square

angle measurer

compass



In Year 5, we say:

coordinate

protractor





Vital Vocabulary for: Shape

In Year 4, you said:

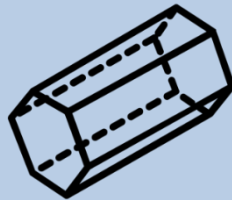
line
construct
sketch
centre
angle
square based, base
reflect, reflection
regular, irregular

2D shapes

oblong
rectilinear
equilateral
triangle, isosceles
triangle, scalene
triangle
parallelogram,
rhombus,
trapezium
polygon

3D shapes

spherical
cylindrical
tetrahedron
polyhedron



In Year 5, we say:

congruent
axis of symmetry
reflective symmetry

2D shapes

X axis
Y axis
quadrant

3D shapes

octahedron





Vital Vocabulary for: Fractions, Decimals & Percentages

In Year 4, you said:

hundredths

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

proportion



In Year 5, we say:

proper/improper fraction

equivalent

reduced to

cancel

thousandths

in every

for every

percentage

per cent, %





Vital Vocabulary for: Data and Statistics

In Year 4, you said:

represent

label, title

most popular, most common

least popular, least common

Carroll diagram, Venn diagram

axis, axes

survey

questionnaire

data



In Year 5, we say:

database

bar line chart

line graph

maximum value

minimum value

outcome

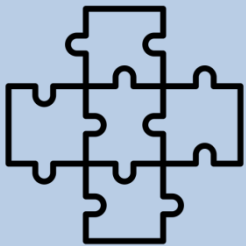




Vital Vocabulary for: Problem Solving

In Year 4, you said:

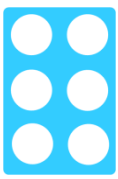
explain your method
describe the pattern
describe the rule
investigate
statement
justify
make a statement



In Year 5, we say:

explain your reasoning





Vital Vocabulary for: **Number**

In Year 5, you said:

relationship

powers of 10

factor pair

formula

\geq greater than or equal to

\leq less than or equal to

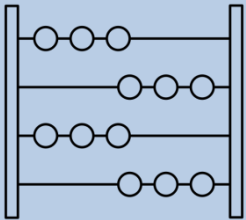
divisibility

square number

prime number

ascending order

descending order



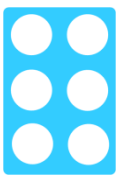
In Year 6, we say:

digit total

prime factor

factorise





Vital Vocabulary for: **Addition & Subtraction**

In Year 5, you said:

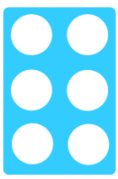
how many more is ... than ...?
how many fewer is ... than ...?
inverse
ones boundary
tenths boundary



In Year 6, we say:

how many more is ... than ...?
how many fewer is ... than ...?
inverse
ones boundary
tenths boundary





Vital Vocabulary for: **Multiplying and Dividing**

In Year 5, you said:

factor

product

remainder

multiplication table

multiplication fact

division fact

inverse

square, squared

cube, cubed



In Year 6, we say:

factor

product

remainder

multiplication table

multiplication fact

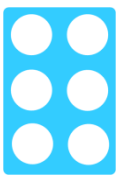
division fact

inverse

square, squared

cube, cubed





Vital Vocabulary for: **Measure**

In Year 5, you said:

imperial unit

pint

gallon

square metre (m^2)

square millimetre (mm^2)

discount

currency



In Year 6, we say:

circumference

diameter

radius

yard, foot, feet, inch, inches

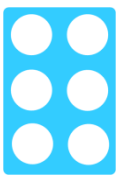
tonne, pound, ounce

cubic centimetres(cm^3), cubic metres (m^3), cubic millimetres (mm^3), cubic kilometres (km^3)

Greenwich Mean Time

British summer time





Vital Vocabulary for: **Position and Direction**

In Year 5, you said:

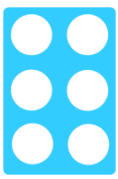
translate
translation
rotate
rotation
reflection
coordinate
protractor
acute angle
right angle



In Year 6, we say:

reflex angle





Vital Vocabulary for: Shape

In Year 5, you said:

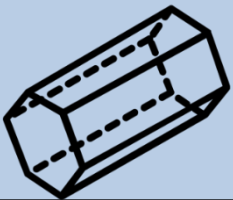
congruent
axis of symmetry
reflective symmetry

2D shapes

X axis
Y axis
quadrant

3D shapes

octahedron



In Year 6, we say:

circumference, concentric, arc
net, open, closed
intersecting, intersection
plane

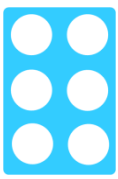
2D shapes

kite

3D shapes

dodecahedron
net





Vital Vocabulary for: Fractions, Decimals & Percentages

In Year 5, you said:

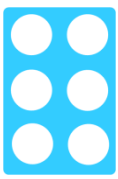
proper/improper fraction
equivalent, reduced to, cancel
thousandths
in every, for every
percentage, per cent, %



In Year 6, we say:

ratio





Vital Vocabulary for: Algebra

In Year 5, you said:

Not much, as it's all new in Year 6!

x^n

In Year 6, we say:

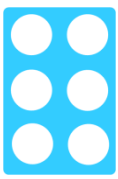
substitute

variables

symbol

known values





Vital Vocabulary for: Data and Statistics

In Year 5, you said:

represent

most popular, most common

least popular, least common

Carroll diagram, Venn diagram

axis, axes

data

database

bar line chart

line graph

maximum value

minimum value

outcome



In Year 6, we say:

pie chart

mean

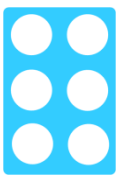
mode

median

range

distribution

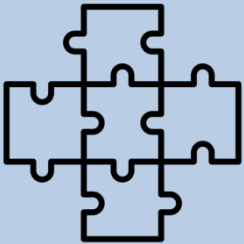




Vital Vocabulary for: Problem Solving

In Year 5, you said:

explain your method
describe the pattern
describe the rule
investigate
statement
justify
make a statement
explain your reasoning



In Year 6, we say:

explain your method
describe the pattern
describe the rule
investigate
statement
justify
make a statement
explain your reasoning

