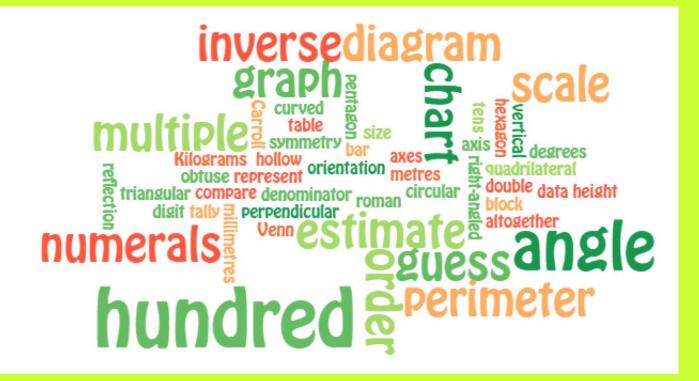# Saughall All Saints CE Primary School 2022

Mathematical Vocabulary

Using the right words at the right time

Saughall All saints CE Primary-Maths Vocabulary 2022

Reception

Number & Place Value

Number:	Place Value:	Estimating:
zero/none	ones	best guess
number	tens	how many …?
1-20	digit	estimate
count on/back	the same number as	nearly
count to/from	as many as	close to
more/less	more, larger, bigger, greater, greatest	about the same as
odd, even		just over, just under
fewer	fewer, fewest, least	too many, too few
pattern	one more, ten more	enough, not enough
pair	one less, ten less	
sort	compare	
order	order	
before/after	first, second, third… twentieth	
most	last, last but one	
same as/equals	before, after	
	next	
	between	

Addition & Subtraction

Add:	Subtract:
add, more, and	take away
sum, total	one less, two less, ten less …
altogether	how many are left/left over?
double	how many have gone?
one more, two more … ten more	how many fewer is … to… than …?
how many more to make …?	how much less is …?
same as/equals	difference between

Multiplication & Division

Multiply:	Divide:
counting in 1s, 2s, 10s	share, sharing
lots of/groups of	set
once, twice, 5 times, etc.	doubling
doubling	half, halve, halving
	left (over)

Fractions/Percentages/Ratio:

Fractions:
double, halve
whole, parts of a whole
share
equal parts/same

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Measurement	
Measure:	enough, not enough
measure	too much, too little
size	too many, too few
compare	nearly, close to, about the same as
guess, estimate	just over, just under
Length:	**Weight:**
metre	weigh, weighs, balances
length, height, width, depth	heavy, light
long, short, tall	heavier than, lighter than
high, low	heaviest, lightest
wide, narrow	scales, balances
thick, thin	
long (er, est) short (er, est) taller, higher … and so on	
far, near, close	
Capacity & Volume:	**Money:**
full	money
empty	coin
deep	penny, pence, pound
half full	price, cost, pay
holds, holds most/least	buy, sell, spend, spent
container	how many/much?
capacity	
Time:	
time	quick, quicker, quickest, quickly
days of the week, Monday, Tuesday …	slow, slower, slowest, slowly
day, week, weekend, month, year	old, older, oldest
birthday, holiday	new, newer, newest
morning, afternoon, evening, night, midnight	takes longer, takes less time
bedtime, dinner time, playtime	hour, o'clock
today, yesterday, tomorrow	clock, watch, hands
before, after	
next, last	
now, soon, early, late	

Geometry (Properties of Shape)		
Properties of Shape:	**2D Shape:**	**3D Shape:**
shape, pattern	rectangle (including square)	face, edge, vertex, vertices
flat	circle	cube
curved, straight	triangle	pyramid
round	pentagon	sphere
hollow, solid	corner, side	cone
sort, group		cuboid
make, build, draw		
size		
bigger, larger, smaller		

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symmetrical pattern, repeating pattern match		

Geometry (Position & Direction)		
position	middle, edge	along
over, under	corner	through
above, below	direction	to, from, towards, away from
top, bottom, side	left, right	movement
on, in, under, underneath	up, down	slide
on top of	forwards, backwards, sideways	roll
outside, inside	across	turn
around	next to, close, near, far	stretch, bend
in front, behind		whole turn, half turn
front, back		
before, after		
beside, next to		
opposite		
apart		
between		

Statistics		
count, sort		
group, set		
list		

General/Problem Solving		
Listen	find	cost
join in	choose	count
say	collect	work out
think	use, make, build	answer
imagine	tell me, pick out	fill in
remember	talk about, explain	check
start/from/with/at	show me, read, write	in order
look at	finish	every, each
point to	copy	puzzle
put, place, fit	colour	What could we try next?
change	tick, cross	How did you work it out?
split	draw, draw a line between	How do you know?
carry on	join up, ring, arrow	recognise
What comes next?		describe, compare
		sort

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YEAR 1

Number & Place Value

Number:	**Place Value:**	**Estimating:**
same	tens/ ones	guess
different	column	how many
forwards	partition	about the same as
backwards	digit	too many
equal to	the same as	nearly
most/ least	as many as	enough
compare	larger	not enough
first/ second	bigger	close to
multiples	smaller	estimate
amount	less	just over
odd/ even	one more/ ten more	
double/ half		
how much/ many		

Addition & Subtraction

Add:	**Subtract:**
total	left over
most	less than
sum	fewer
plus	difference
make	minus
more	one less/ two less…
and	
altogether	
one more/ two more…	

Multiplication & Division

Multiply:	**Divide:**
groups of	share
lots of	equal groups

Fractions/Percentages/Ratio:

Fractions:	
parts/ wholes	sharing
(one) half	group(ing)
(one) (two) (three) quarters	equal parts
	same size

Measurement

Measure:
size
scale
ruler
balance

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Length:	Weight:
long(er)(est)	mass
short(er)(est)	weight
grams (g)	heavy
kilograms (kg)	heavier than
centimetres (cm)	heaviest
metre (m)	light
distance	lighter than/ lightest
measure	balance
	weighing scales
	ruler
	weigh

Capacity & Volume:	Money:
volume	coin
full/ empty	note
more than	amount
less than	penny
half full	pound
	*coins up to 50pence

Time:	
year	morning
month	afternoon
week	evening
day	yesterday
weekend	today
*all days of the week	tomorrow
*all months of the year	before
night	after
hour	clock
minute	o'clock
second	half past

Geometry (Properties of Shape)		
Properties of Shape:	**2D Shape**	**3D Shape**
pattern	2D	cube
sides	dimensional	cuboid
vertices (corner)	rectangle	pyramid
point	square	sphere
	circle	solid
	triangle	cone
	flat	

Geometry (Position & Direction)	Statistics
left/ right	count
top/ middle/ bottom	sort
in front/ behind/ in between/ above/ below/ around	vote
forwards/ backwards	group
whole turn/ half turn	set
near/close/ far	list
up/ down	table

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YEAR 2

Number & Place Value

Number:	**Place Value:**	**Estimating:**
digit	place holder	estimation (approximately)
numeral	greater/ less than	estimate (approximately)
[numeral words]	fewer	guess
commutativity	greatest/ biggest/	how many
calculate	largest/smallest/ least	roughly
equal (to)	stands for/ represents	close to
odd/ even	partition	about the same as
sequence/ pattern		around about

Addition & Subtraction

Add:	**Subtract:**
equation	difference between
calculate	equation
sum, total	calculate
bridging (ten)	inverse

Multiplication & Division

Multiply:	**Divide:**
array	array
multiplication	division
multiple	row(s)/ column(s)
times tables	
repeated addition	
row(s)/ column(s)	

Fractions/Percentages/Ratio:

Fractions:	numerator
equivalent	denominator
quarters	parts of a whole
thirds	equal parts
halves	

Measurement

Measure:	compare
measurement	size
size	scale

Length:	**Weight:**
height	gram (g)
weight	kilogram (kg)
width	heavy (er)(est)
depth	light (er)(est)
metre	scales
centimetre	balance
millimetre	

Capacity & Volume:
litre
millimetre
capacity
volume

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Time:	Money:
how long…	change
how much time…	difference
what time…	cost
minute	price
second	cheap (er)(est)
hour	more/most/ expensive
hand	amount
face	total
digital	dear (er)(est)
analogue	how much…
	how many…
	pay

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YEAR 3

Number & Place Value

Number:	Place Value:	Estimating:
and/ so on/ up to 1,000	hundreds	guess
multiple	order	estimate
roman numerals to XII	ones	roughly
one hundred and one…	tens	approximate (ly)
one hundred and two…	digit	exact (ly)
pattern	one hundred and one…	round/ nearest
pair/ rule	one hundred and two…	nearest 10/100
relationship	one/ two/ three digit	round up/ down
hundred/ thousand more	exchange	
	represent	
	greater/ less than	

Addition & Subtraction

Add:	Subtract:
inverse operation	one hundred less
increase	how many fewer is
sum/ total	inverse operation
altogether	decrease
near double	difference
one hundred more	tens/ hundreds boundary
one hundred less	
how many fewer is	

Multiplication & Division

Multiply:	Divide:
multiple	inverse
inverse	remainder
factor	array
product	
repeated addition	

Fractions/Percentages/Ratio:

Fractions:	
decimals	equivalent fraction
fifths/ tenths	equal part/ grouping/ sharing
numerator	parts of a whole
denominator	halves/ quarters
order	mixed number
	unit/ non-unit fractions

Measurement

Measure:	
size	division
compare	guess
measuring scale	estimate
	approximately
Length:	perimeter
millimetres (mm)	length/ width/ height
centimetres (cm)	further (est)
metres (m)	metre stick
kilometre (km)	distance apart/ between

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Weight:	Capacity & Volume:
Kilograms (kg)	litre/ half litre (l)
Grams (g)	millilitres (ml)
½ kilogram (1/2 kg)	capacity
Balance	½ full ¼ full / empty
scales	hold/ contains
	container

Time:	century
roman numerals to XII	calendar
noon/ midnight	5 and ten minutes' past
analogue/ digital clock	15 (quarter past)
am/ pm	clock face
duration	digital/ analogue
fortnight	24-hour clock

Money:
bought
spend/ spent
pay
dear
cheap

Geometry (Properties of Shape)

Properties of Shape:	2D Shape	3D Shape
degrees	quadrilateral	polyhedron
reflection	right-angled	polyhedral
curved/ straight	parallel/ perpendicular	face/ edge/ vertex/ vertices
hollow	polygon	hemisphere
perimeter	circular	
surface	triangular	
symmetry/ical	pentagon/al	
line of symmetry	hexagon/al	
	octagon/al	

Geometry (Position & Direction) / Statistics

Geometry (Position & Direction)	Statistics
horizontal	interpret data
vertical	category/ies
right angle	scale
acute angle	tally
obtuse angle	graph/ block graph/ pictogram
orientation	represent
clockwise/ anticlockwise	chart/ bar chart/ frequency table
compass point	Carroll diagram
	Venn diagram
	axis/ axes

General/Problem Solving

		Other 1:
explain	investigate	temperature
explain your method	compare	degree/ celsius/ fahrenheit
rule	recognise	
describe the patter	calculate	
	statement	

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YEAR 4

Number & Place Value

Number:
number
numeral/ digit(s)/ figures(s)
roman numerals (I-C)
integers
negative numbers/ positive
numbers
count through zero
sequence/ pattern
relationship
consecutive
equivalent

Place Value:
place holder
tens of thousands
place/ place value
represents
exchange
ascending/ descending value
halfway/ between
order

Estimating:
estimate/ guess
approximate (close to)
round(ing)
round to the nearest... up/ down

Addition & Subtraction

Add:
addition/ add/ more/ increase by/
double/ half/ halve
near double
make/ sum/ total/ altogether
equals/ the same as
inverse/ inverts operations
tens boundary/ hundreds boundary
bridging
commutative law

Subtract:
decrease by
difference/ subtract
inverse, inverse operation
tens boundary/ hundreds boundary

Multiplication & Division

Multiply:
multiple. Multiples of
product
factors
repeated addition
groups of
lots of
array
square/ squared
cube/ cubed
inverse
commutative law

Divide:
divide/ division
derive
remainders
repeated
subtraction
sharing/ share/ equally
inverse

Fractions/Percentages/Ratio:

Fractions:
tenths, hundredths
decimal (s)
decimal equivalent
decimal place

decimal point
equivalent fraction
numerator/ denominator
proportion

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Measurement	
Measure:	**Length:**
Convert/ conversion	kilometres (km)
area	centimetre (cm)
perimeter	metre (m)
circumference	length
standard unit of measure	width
metric unit	depth
imperial unit	height
Weight:	**Capacity & Volume:**
mass	millilitre (ml)
kilograms (kg)	volume
grams (g)	half full/ quarter full
scales	holds/ contains
half of	measuring cylinder
Time:	**Money:**
noon	pence
24-hour clock	pound
digital/ analogue	penny
12 hours/ 24-hour clock	change
hour/ o'clock/ half past/ quarter past/ to	
day/ week/fortnight/ month/year	
decade/ century/ millennium/ leap year	

Geometry (Properties of Shape)		
Properties of Shape:	**2D Shape**	**3D Shape**
orientation	quadrilateral	polyhedral
degree(s)	polygon	polyhedron
right angle	pentagon	
parallel/ horizontal	hexagon	
perpendicular	heptagon	
vertical/ regular	octagon	
classify/ irregular	nonagon	
symmetry	decagon	
symmetrical	isosceles	
line of symmetrical	equilateral	
symmetrical pattern	parallelogram	
rotate/ rotation	rhombus	
	trapezium	

Geometry (Position & Direction)	
co-ordinates	scale
plot	quadrant
grid	clockwise/ anti-clockwise
translate/ translation	adjacent
axis/ axes – 'x' axis/ 'y' axis	reflection

Statistics	General/Problem Solving
label/ graph	**Other 1:**
continuous data	angles
time graph	obtuse/ acute/ reflex
	protractor

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YEAR 5

Number & Place Value

Number:	Place Value:	Estimating:
numeral	digits	approximate
digits	million(s)	rounding to the nearest: 10, 100, 1000, 10,000 and 100,000
prime	power of 10	roughly
roman numerals to 1000 (m)	half-way between	guess
million(s)	intervals	
cube(d)3	exchange	
square(d)2	representation	
negative numbers	mid-way	
positive numbers	value	
multiples		
integer		
representation		

Addition & Subtraction

Add:	Subtract:
near double	exchange
sum of	inverse
total	decrease
increase	fewer
inverse	find change
	difference between

Multiplication & Division

Multiply:	Divide:
product	remainder
multiples	share
factors	division fact
composite / (opposite of prime)	quotient
squared	
cubed	

Fractions/Percentages/Ratio:

Fractions:	
numerator	'out of'
denominator	decimal fraction
equivalent	percentage/ percent %
integer	1/100 hundredths
mixed number	1/1000 thousandths
	improper

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Measurement
Measure: conversion   perimeter   area
Length: miller meter (mm) to centimetre (cm)   centimetre (cm) to meter (m)   miller metre (mm) to meter (m)   metre (m) to kilometre (km)   centimetre (cm) to kilometre (km)
Weight: mass   grams (g)   kilograms (kg)
Capacity & Volume: * No new vocabulary

Time: 24-hour clock time tables longest journey/ shortest journey noon/ midday/ leap year	digital analogue century decade millennium
Money: pounds euros debit	credit overdrawn/ overdraft negative numbers decimal point

Geometry (Properties of Shape)		
Properties of Shape:	**2D Shape** dimensional dimensions	**3D Shape** vertex face edge vertices hemisphere spherical tetrahedron polyhedron octahedron

Geometry (Position & Direction)	Statistics
clockwise/ anti-clockwise translate acute obtuse reflex protractor	carroll diagram line graph label title axis axes

General/Problem Solving
justify   explain your reasoning   describe the rule

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YEAR 6

Number & Place Value

Number:	Place Value:	Estimating:
composite	1/10, 1/100, 1/1000	approximate(ly)
multiple of	tenth, hundredths, thousandths	
factor of	power of q0	
consecutive	numbers up to ten million	
prime factor		
integer		
BIDMAS		
greater than or equal to		
less than or equal to		
approximately		
equal to		

Addition & Subtraction

Add:	Subtract:
Consolidation of prior vocabulary	Consolidation of prior vocabulary

Multiplication & Division

Multiply:	Divide:
multiple	inverse
factors	remainder
factor	
product	
cubed	
common factors/ common multiples	
squared	

Fractions/Percentages/Ratio:

Fractions:	
decimal fractions	proportion
percentage	mixed number
numerator	equivalent fraction
denominator	ratio as a: b
scale	sixths, sevenths, eighths, tenths, hundredths, thousandths
factor	improper fractions
relative size	

Measurement

Measure:
imperial unit
metric unit

Length:	
centimetre (cm)2	inches
miller metre (mm)(2)(3)	feet
metre (m)2	yard
kilometre (km)(2)(3)	metres per second (m/s)
length, height, width, depth, breadth	kilometres per hour (km/h)
mile	edge
inch	area

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Weight:	Capacity & Volume:
mass	cm3
pound	m3
ounce	mm3
tonne	km3
kilogram (kg)	centilitre (cl)
gram (g)	millilitre (ml)
	pint
	gallon
Time:	**Money:**
timetable	profit
mean	loss
time	discount
international	
date line	

Geometry (Properties of Shape)		
Properties of Shape:	**2D Shape** concentric circles parallel perpendicular	**3D Shape** dodecahedron polyhedron face, edge, vertex, vertices hemisphere spherical
Geometry (Position & Direction)		
quadrant vertically radius net opposite diameter area	circumference angles reflex degree N, E, S, W NE, NW, SE, SW complementary	
Statistics	General/Problem Solving	
mean average data set pie chart carroll diagram	**Other 1:** algebra symbol formula sequence algebraic equation variable	