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Kindergarten

Unit 1: Exploring Patterns

different	same	set	sort
sorting rule	pattern	repeat	

Unit 2: Exploring Number

more	fewer	same number as	
as many as	1	2	3
4	5	five frame	forward
backward			

Unit 3: Exploring Geometry and Measurement

round	flat	point	corner
big	small	sort	sorting rule
high	taller	shorter	almost the same
longer	length	empty	full
less	more	smaller	bigger
heavy	heavier	light	lighter

Unit 4: Numbers to 10

6	7	8	9
10	ten frame	count	forward
backward			

Grade One

Unit 1: Patterning

pattern	repeat	core
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Unit 2: Representing Numbers to 20

zero	one	two	three
four	five	six	seven
eight	nine	ten	eleven
twelve	thirteen	fourteen	sixteen
seventeen	eighteen	nineteen	twenty
count	number	equal groups	singles
estimate	more	fewer	same as
equal	as many as	more	less

Unit 3: Addition and Subtraction to 12

number	addition	adding	number sentence
addition sentence		doubles	doubles facts
subtract	take away	subtraction sentence	
subtraction story		missing part	mental math

Unit 4: Measurement

compare	baseline	length	long
longer	longest	short	shorter
shortest	far	farther	farthest
cover	area	surface	greater than
less than	holds more	holds less	mass
weight	balance scale	heavier than	lighter than
about the same as			

Unit 5: Numbers to 100

numerals 21 to 50	skip counting
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numerals 51 to 100
more

count
less

group

Unit 6: Geometry

object

curves

attributes

slide

edges

roll

corners

stack

vertices

flat faces

points

bottom

top

pointed

curved

long

tall/taller

thin/thinner

wide/wider

tangram

vertices

Unit 7: Addition and Subtraction to 20

doubles fact

addition fact

subtraction fact

number sentence

addition sentence

sum

subtraction sentence

difference

related

story problem solve

think addition

Grade Two

Unit 1: Patterning

attribute	repeat	pattern	core
element	double attribute	pattern rule	predict
strategy	grow	increase	
increasing pattern		growing pattern	

Unit 2: Numbers to 100

word names of numbers for zero to one hundred			
counting patterns		rows	columns
odd number		even number	penny
nickel	dime	¢	cent
ordinal	order	first	1 st
second	2 nd	third	3 rd
fourth	4 th	fifth	5 th
sixth	6 th	seventh	7 th
eighth	8 th	ninth	9 th
tenth	10 th	about	more
fewer	estimate	digit	place value
place value mat		Base Ten Blocks	
unit cubes or cubes		ten rods or rods	
greater/greater than		less/less than	
equal	unequal	compare	order
greatest	least		

Unit3: Addition and Subtraction to 18

together	part	sum	difference
add	subtract	take away	related facts
fact family	subtraction	addition	equal
not equal	unequal	order	altogether
counting on	record	missing part	
addition sentence		subtraction sentence	

compare odd number	double	near double	even number
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Unit 4: Measurement

calendar	day	week	month
Sunday	Monday	Tuesday	Wednesday
Thursday	Friday	Saturday	year
January	February	March	April
May	June	July	August
September	October	November	December
measure unit	measurement compare	length order	height mass
balance scales light estimation	heavy lighter	heavier lightest	heaviest estimate

Unit 5: Addition and Subtraction to 100

addends	sum
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Unit 6: Geometry

attribute roll rectangle edge pyramid	corner stack circle cube cylinder	vertex/vertices square face sphere	side triangle curved part cone
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Unit 7: Data Analysis

graph title checkmarks	concrete graph pictograph charts	column symbols lists	row tallies
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Grade Three

Unit 1: Patterning

growing pattern	increasing pattern
pattern rule	
shrinking pattern	decreasing pattern

Unit 2: Numbers to 1000

standard form	digit	place value	
place-value chart		base-ten name	organized list
compare	order	number line	estimate
referent	thousand	loonie	quarter
dime	nickel		

Unit 3: Addition and Subtraction

addition facts	doubles	near doubles	sum
related facts	subtraction facts	equation	estimate
mental math	difference	solve	tens
place value	ones		

Unit 4: Measurement

unit	hour (h)	minute (min)	second (s)
calendar	length	width	height
centimetre (cm)	metre (m)	referent	perimeter
mass	kilogram (kg)	gram (g)	pendulum
minute hand	hour hand	second hand	calendar
day	week	month	year
ruler	longer	shorter	width
height	length	referent	metre stick
perimeter			

Unit 5: Fractions

equal parts	fractions	halves	thirds
quarters/fourths	fifths	sixths	sevenths
eighths	ninths	tenths	numerator
denominator	fair shares	one whole	fraction symbol

Unit 6: Geometry

polygon	shape	object	face
edge	vertex, vertices	base	skeleton
prism	cube	pyramid	cone
sphere	cylinder	triangle	quadrilateral
pentagon	hexagon	octagon	guess and check

Unit 7: Data Analysis

data	chart	list	tally mark
tally chart	line plot	bar graph	title
axis/axes	scale	pictograph	key
horizontal	vertical		

Unit 8: Multiplication and Division

multiply	multiplication sentence	times
equal groups	array	product
division sentence		divided by
repeated addition		number line
division	equal shares	rows
related sentences		repeated subtraction

Grade Four

Unit 1: Patterns and Equations

dimensions	height	distance around	
pattern rule	equation	solve an equation	
solution	pattern	row	column
diagonal	skip count	unknown number	
factor	multiplication equation		
division equation			

Unit 2: Whole Numbers

expanded form	standard form	Venn diagram	
Carroll diagram	estimate	sum	cluster
front-end estimation		mental math	friendly number

Unit 3: Multiplication and Division Facts

array	factor	product	row
column	multiples	related facts	
multiplication fact		double	

Unit 4: Measurement

analog clock	digital clock	elapsed time	
24-hour clock	units	area	square units
square centimetre		square metre	o'clock
space	metric notation	A.M.	P.M.
area	congruent	face	square
rectangular			

Unit 5: Fractions and Decimals

fraction	fifths	tenths	numerator
denominator	proper fraction	unit fraction	decimal
decimal point	one-hundredth	equivalent decimals	

equal parts hundredths

Unit 6: Geometry

triangular prism	rectangular prism	net
symmetrical	line of symmetry	square prism
base	face	cube
non-symmetrical		line symmetry
decagon		

Unit 7: Data Analysis

key	scale	vertical bar graph	
vertical axis	horizontal axis	horizontal bar graph	
trial	data	pictograph	
tally chart	title	labels	axes
symbol			

Unit 8: Multiplying and Dividing Larger Numbers

multiplication sentence	quotient	remainder
division sentence	estimate	multiple
digit	patterns	

Grade Five

Unit 1: Patterns and Equations

frame	perimeter	patterns	
increasing pattern		consecutive numbers	
variable	expression	solution	by inspection
pattern rule	term		

Unit 2: Whole Numbers

expanded form	standard form	front-end rounding	
compatible numbers		compensation	
estimate	digit	greatest	ones
tens	hundreds	thousands	ten thousands
million	expanded form	standard form	

Unit 3: Multiplying and Dividing Whole Numbers

factor	product	dividend	divisor
quotient	multiple	compatible numbers	
front-end rounding		partial products	
related facts	double	repeated doubling	
repeated halving		divisor	

Unit 4: Measurement

millimetre (mm)		referent	
perimeter	area	volume	
cubic centimetre (cm ³)		dimensions	
cubic metre (m ³)		capacity	
litre (L)	millilitre (mL)	displacement	length
width	height	polygon	

Unit 5: Fractions and Decimals

equivalent fractions	thousandths
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equivalent decimals numerator denominator
quadrilateral benchmarks

Unit 6: Geometry

attribute	parallel	intersect	vertex/vertices
horizontal	vertical	perpendicular	right angle
diagonal	rhombus	parallelogram	trapezoid
kite	line symmetry	tangrams	tans
pyramid	prism		

Unit 7: Statistics and Probability

first-hand data	second-hand data		
double bar graph		horizontal axis	
vertical axis	legend	impossible	possible
certain	likely	unlikely	probable
improbable	probability	outcome	experiment
most likely	equally likely	sector	work backward

Unit 8: Transformations

translation	translation image		reflection
reflection image		line of reflection	
rotation	rotation image	quarter turn	half turn
three-quarter turn		clockwise	
counterclockwise		point of rotation	
transformations	slide	translation arrow	
image	flip	vertical	horizontal

Grade Six

Unit 1: Patterns and Equations

Input/Output machine coordinate grid Cartesian plane
origin coordinates ordered pair horizontal axis
vertical axis commutative property of addition
commutative property of multiplication
preservation of equality
equivalent form of an equation input output
operation growing pattern table of values figure number
variable expression inverse operations

Unit 2: Understanding Number

billion trillion common multiples
prime number composite number common factors
order of operations expression integer
positive integer negative integer opposite integers
period least common multiple prime factors
factor tree brackets positive number
negative number elevation sea level

Unit 3: Decimals

ten-thousandths hundred-thousandths millionths
standard form expanded form front-end estimation
decimal benchmarks compatible numbers
product quotient underestimate overestimate
exact approximate

Unit 4: Angles and Polygons

angle arm right angle straight angle
acute angle obtuse angle reflex angle protractor
standard protractor degree interior angle

diagonal vertex base line tier

Unit 5: Fractions, Ratios, and Percents

improper fraction mixed number ratio
part-to-part ratio part-to-whole ratio
terms of a ratio equivalent ratios percent
fraction numerator denominator decimal
percent

Unit 6: Geometry and Measurement

equilateral triangle isosceles triangle
scalene triangle acute triangle right triangle obtuse triangle
non-polygon regular polygon irregular polygon
convex polygon concave polygon congruent
formula polygon line of symmetry
interior angle coincide superimposed perimeter
formula variable substitute area
rectangular prism volume base

Unit 7: Data Analysis and Probability

fair question biased question database electronic media
discrete data line graph continuous data probability
theoretical probability at random
experimental probability survey data
certain likely unlikely impossible
questionnaire experiment conclusion axes
scale bar graph double bar graph
pictograph likelihood outcome

Unit 8: Transformations

successive translations successive rotations
successive reflections transformation translation

reflection
coordinates

rotation
ordered pair

coordinate grid
prime notation

Cartesian plane
domino