Brookhurst Primary School
Mathematics Curriculum Overview

Year 1				
Term	Autumn			
Unit of Work	Place Value	Addition and Subtraction	Shape	Place Value
Core Learning	Sort objects Count objects Count objects from a group of 10 Represent objects Represent numbers to 10 Count forwards Count backwards Count one more Count one less Counting One to one correspondence Compare objects Introduce <, > and = Compare numbers Comparing Order objects Order numbers Ordinal numbers The number line	Introducing parts and wholes Part-whole model (with images/objects) Part-whole model Addition symbol Fact families - addition facts Find number bonds for numbers within 10 Systematic methods for number bonds within 10 Number bonds to 10 Compare number bonds Addition - adding together Addition - adding more Addition - using bonds Finding a part Subtraction - taking away, how many left? Crossing out Subtraction - taking away, how many left? Introducing the subtraction symbol Subtraction - find a part, breaking apart Fact families - the 8 facts Subtraction - counting back Subtraction - finding the difference Comparing addition and subtraction statements a + b > c Comparing addition and subtraction statements a + b > c + d	Recognise and name 3-D shapes Sort 3-D shapes Recognise and name 2-D shapes Sort 2-D shapes Patterns with 3-D and 2-D shapes	Count forwards and backwards and write numbers to 20 in numerals and words Numbers from 11 to 20 Tens and ones Count one more and one less Compare groups of objects Compare numbers Order groups of objects Order numbers

Brookhurst Primary School
Mathematics Curriculum Overview

Year 1				
Term	Spring			
Unit of Work	Addition and Subtraction	Place Value	Length and Height	Weight and Volume
Core Learning	Add by counting on Add ones using number bonds Find & make number bonds Add by making 10 Subtraction - not crossing 10 Subtraction - not crossing 10 (counting back) Subtraction - crossing 10 (counting back) Subtraction - crossing 10 Related facts Compare number sentences	Counting to 50 by making 10s Numbers to 50 Counting forwards and backwards within 50 Tens and ones Represent numbers to 50 One more one less Compare objects within 50 Compare numbers within 50 Order numbers within 50 Count in 2sCount in 5s	Compare lengths & heights Measuring lengths (non-standard units) Measure length Introducing the ruler Adding length problems Subtracting length problems	Introduce weight & mass Measure mass Compare mass Weight and mass problems Introduce capacity and volume Measure capacity Compare capacity

Brookhurst Primary School
Mathematics Curriculum Overview

Year 1						
Term	Summer					
Unit of Work	Multiplication and Division	Fractions	Position and Direction	Place Value	Money	Time
Core Learning	Recap Count in 2s Recap Count in 5s Count in 10s Make equal groups Add equal groups Make arrays Make doubles Make equal groups – grouping Make equal groups - sharing	Making a half Making a whole Find a half Find a half of a quantity Making a quarter Find a quarter Find a quarter of a quantity	Describe turns Describe position	Counting to 100 by making 10s Counting to 100 Counting forwards and backwards within 100 Introducing the 100 square Partitioning numbers Comparing numbers Ordering numbers One more, one less	Recognising coins Recognising notes Counting in coins	Before and after Dates Time to the hour Time to the half hour Writing time Comparing time

Brookhurst Primary School
Mathematics Curriculum Overview

	Numbers	Place Value	Addition	Subtraction	Multiplication	Division
Y1	twenty-one, twenty-two … one hundred numeral thirty forty fifty sixty seventy eighty ninety (one) hundred	digit number/ numeral same tens and ones more than/less than less most/least count from ... count in .... forwards/backwards number pattern odd even equal sign = greater than/ smaller than fewer/ fewest largest smallest least equal to many number bonds/pairs missing numbers estimate ordinal cardinal nearly close to	Add + addition sum total altogether double one more two (ten) more plus equals near double is the same as number bonds/pairs missing number count up	how many more? leave how many left? two less ten less how many fewer minus subtract subtraction count up count back	multiplication multiplied by multiply lots of groups of scaling twice times as ... array multiple count up	share into division dividing grouping count back unequal equal

Brookhurst Primary School
Mathematics Curriculum Overview

Year 2				
Term	Autumn			
Unit of Work	Place Value	Addition and Subtraction	Money	Multiplication and Division
Core Learning	Recap Counting forwards and backwards within 20 Recap Tens and ones within 20 Recap Counting forwards and backwards within 50 (Numbers to 50) Recap Tens and ones within 50 Recap Compare numbers within 50 Count objects to 100 and read and write numbers in numerals and words Represent numbers to 100 Represent numbers to 100 Tens and ones with a part-whole model Tens and ones using addition Use a place value chart Compare objects Compare numbers Order objects and numbers Recap Count in 2s Recap Count in 5s Recap Count in 10s Count in 2s, 5s and 10s (use for consolidation if needed) Count in 3s	Fact families - addition and subtraction bonds to 20 Check calculations Compare number sentences Know your bonds Related facts Bonds to 100 (tens) Add and subtract 1s 10 more and 10 less Add and subtract 10s Recap Add by making 10 Add a 2-digit and 1-digit number - crossing ten Recap Subtraction - crossing 10 Subtract a 1-digit number from a 2-digit number - crossing ten Add two 2-digit numbers - not crossing ten - add ones and add tens Add two 2-digit numbers - crossing ten - add ones and add tens Subtract a 2-digit number from a 2-digit number - not crossing ten Subtract a 2-digit number from a 2-digit number - crossing ten - subtract ones and subtract tens Mixed addition and subtraction Recap Find and make number bonds Bonds to 100 (tens and ones) Add three 1-digit numbers	Recap Recognising coins and notes Count money – pence Count money - pounds (notes and coins) Count money notes and coins Select money Make the same amount Compare money Find the total Find the difference Find change Two-step problems	Make equal groups Redistribute from unequal to equal groups Recap Add equal groups Recap Make arrays

Brookhurst Primary School
Mathematics Curriculum Overview

Year 2				
Term	Spring			
Unit of Work	Multiplication and Division	Statistics	Properties of Shape	Fractions
Core Learning	Recognise equal groups Make equal groups Add equal groups Multiplication sentences using the x symbol Multiplication sentences from pictures Use arrays Recap Make doubles 2 times-table 5 times-table 10 times-table Recap Make equal groups – sharing Make equal groups – sharing Recap Make equal groups – grouping Make equal groups – grouping Sharing and grouping activity Divide by 2 Odd and even numbers Divide by 5 Divide by 10	Make tally charts Draw pictograms (1-1)Interpret pictograms (1-1)Draw pictograms (2, 5 and 10)Interpret pictograms (2, 5 and 10)Block diagrams	Recognise 2-D and 3-D shapes Make 2-D and 3-D shapes Count sides on 2-D shapes Count vertices on 2-D shapes Draw 2-D shapes Lines of symmetry Lines of symmetry - draw the whole Sort 2-D shapes Make patterns with 2-D shapes Count faces on 3-D shapes Count edges on 3-D shapes Count vertices on 3-D shapes Sort 3-D shapes Make patterns with 3-D shapes	Working with parts and wholes Make equal parts Recognise a half Find a half Recognise a quarter Find a quarter Recognise a third Find a third Unit fractions Non-unit fractions Equivalence of a half and 2 quarters Find three quarters Count in fractions Problem solving with fractions

Brookhurst Primary School
Mathematics Curriculum Overview

Year 2				
Term	Summer			
Unit of Work	Length and Height	Position and Direction	Time	Mass, Capacity and Temperature
Core Learning	Recap Compare lengths and heights Recap Measure lengths Measure length (cm) Measure length (m) Compare lengths Order lengths Four operations with lengths Problem solving with lengths	Recap Describe position Problem solving with position Describing movement Describing turns Describing movement and turns Making patterns with shapes	Recap Telling time to the hour Recap Telling time to the half hour O'clock and half past Quarter past and quarter to Telling time to 5 minutes Recap Writing time Hours and days Find durations of time Compare durations of time	Recap Introduce weight and mass Recap Measure mass Compare mass Measure mass in grams Measure mass in kilograms Recap Introduce capacity and volume Recap Measure capacity Compare volume Millilitres Litres Four operations with mass Four operations with volume Temperature

Brookhurst Primary School
Mathematics Curriculum Overview

	Numbers	Place Value	Addition	Subtraction	Multiplication	Division
Y2	two hundred … one thousand count on in 3s, tally twenty-first, twenty- second …	greater than, > less than, < equal (to), = column partition most/greatest number pattern equivalent to multiple of	increase tens boundary commutative partition fact family regrouping partitioning bridging empty box inverse ten more number bonds for 20 number bonds within 20 check	difference between equals is the same as minus order exchanging partition ten less check inverse	times table multiplication row column fact family odd even commutative multiplication fact multiplication table repeated addition multiple of 2 multiple of 5 multiple of 10 multiply	array row column fact family inverse divide, divided by, divided into left, left over repeated subtraction

Brookhurst Primary School
Mathematics Curriculum Overview

Year 3			
Term	Autumn		
Unit of Work	Place Value	Addition and Subtraction	Multiplication and Division
Core Learning	Recap Represent numbers to 100 Recap Tens and ones using addition Hundreds Numbers to 1,000 Numbers to 1,000 on a place value grid 100s, 10s and 1s Number line to 100 Number line to 1,000 Find 1, 10, 100 more or less Compare objects Compare numbers Order numbers Count in 50s	Add and subtract multiples of 100 Recap Add and subtracts 1s Add and subtract 3-digit and 1-digit numbers - not crossing 10 Recap Add a 2-digit and 1-digit number - crossing 10 Add 3-digit and 1-digit numbers - crossing 10 Recap Subtract a 1-digit number from 2-digits - crossing 10 Subtract a 1-digit number from a 3-digit number - crossing 10 Add and subtract 3-digit and 2-digit numbers - not crossing 100 Add 3-digit and 2-digit numbers - crossing 100 Subtract a 2-digit number from a 3-digit number - crossing 100 Add and subtract 100s Spot the pattern making it explicit Recap Add two 2-digit numbers - crossing 10 - add ones & add tens Recap Subtract a 2-digit number from a 2-digit number - crossing 10 - subtract ones & subtract tens Mixed addition and subtraction problems Add and subtract 2-digit and 3-digit numbers - not crossing 10 or 100 Add 2-digit and 3-digit numbers - crossing 10 or 100 Subtract a 2-digit number from a 3-digit numbers - crossing 10 or 100	Multiplication - equal groups Recap Multiplication using the symbol Recap Using arrays Recap 2 times-table Recap 5 times-table Recap Make equal groups – sharing Recap Make equal groups – grouping Recap Divide by 2 Recap Divide by 5 Recap Divide by 10 Multiply by 3 Divide by 3 The 3 times-table Multiply by 4 Divide by 4 The 4 times-table Multiply by 8 Divide by 8 The 8 times-table

Brookhurst Primary School
Mathematics Curriculum Overview

Year 3					
Term	Spring				
Unit of Work	Multiplication and Division	Money	Statistics	Length and Perimeter	Fractions
Core Learning	Recap Consolidate 2, 4 and 8 times-table Comparing statements Related calculations Multiply 2-digits by 1-digit - no exchange Multiply 2-digits by 1-digit Multiply 2-digits by 1-digit – exchange Divide 2-digits by 1-digit Divide 100 into 2, 4, 5 and 10 equal parts Divide with remainders Scaling How many ways?	Recap Count money (pence) Recap Count money (pounds) Pounds and pence Convert pounds and pence Add money Subtract money Give change	Recap Make tally charts Recap Draw pictograms (2, 5 and 10) Recap Interpret pictograms (2, 5 and 10) Draw bar charts Bar charts Tables	Measure length Recap Measure length (m) Equivalent lengths - m & cm Equivalent lengths - mm & cm Recap Compare lengths Compare lengths Add lengths Subtract lengths What is perimeter? Measure perimeter Calculate perimeter	Recap Activity Working with wholes and parts Recap Make equal parts Recap Recognise a half Recap Find a half Recap Recognise a quarter Recap Find a quarter Recap Recognise a third Recap Find a third Recap Unit fractions Recap Non-unit fractions Unit and non-unit fractions Recap Equivalence of a half and 2 quarters Recap Count in fractions

Brookhurst Primary School
Mathematics Curriculum Overview

Year 3				
Term	Summer			
Unit of Work	Fractions	Time	Properties of shape	Mass and capacity
Core Learning	Making the whole Tenths Count in tenths Fractions on a number line Fractions of a set of objects Equivalent Fractions	Recap O'clock and half past Recap Quarter past and quarter to Months and years Hours in a day Telling the time to 5 minutes Telling the time to the minute Using a.m. and p.m. 24-hour clock Finding the duration	Turns and angles Right angles in shapes Compare angles Draw accurately Horizontal and vertical Parallel and perpendicular Recognise and describe 2-D shapes Recognise and describe 3-D shapes Make 3-D shapes	Recap Measure and Comparing mass Measure mass Compare mass Add and subtract mass Measure capacity Recap Compare volume Measure capacity

Brookhurst Primary School
Mathematics Curriculum Overview

	Numbers	Place Value	Addition	Subtraction	Multiplication	Division
Y3	ones tens hundreds thousand three digit number tenths	exact position estimate decimal approximate descending ascending integer round represent ascending descending	100 more increase column digit columnar column addition mental method formal method adjusting estimate written method boundary adjust near double combine rounding empty box	100 less decrease exchanging number sentence calculate column subtraction estimate mental method formal method fact family adjust empty box	missing number scaling multiplied by ... times larger/smaller product times table facts fact family partition grid empty box	missing number times table remainder partition fact family inverse operation empty box

Brookhurst Primary School
Mathematics Curriculum Overview

Year 4				
Term	Autumn			
Unit of Work	Place Value	Addition and Subtraction	Length and Perimeter	Multiplication and Division
Core Learning	Recap Numbers to 1,000 Recap 100s, 10s and 1s Recap Number line to 1,000 Round to the nearest 10 Round to the nearest 100 Count in 1,000s Represent numbers to 10,000, 1,000s, 100s, 10s and 1s Partitioning The number line to 10,000 Find 1, 10, 100 more or less 1,000 more or less Compare 4-digit numbers Order numbers Round to the nearest 1,000 Count in 25s Negative numbers Roman numerals	Add and subtract 1s, 10s, 100s and 1,000s Recap Add two 3-digit numbers - not crossing 10 or 100 Add two 4-digit numbers - no exchange Recap Add two 3-digit numbers - crossing 10 or 100 Add two 4-digit numbers - one exchange Add two 4-digit numbers - more than one exchange Recap Subtract a 3-digit number from a 3-digit number - no exchange Subtract two 4-digit numbers - no exchange Recap Subtract a 3-digit number from a 3-digit number – exchange Subtract two 4-digit numbers - one exchange	Recap Equivalent lengths - m and cm Recap Equivalent lengths - mm and cm Kilometres Recap Add lengths Recap Subtract lengths Recap Measure perimeter Perimeter on a grid Perimeter of a rectangle Perimeter of Rectilinear shapes	Multiply by 10 Multiply by 100 Divide by 10 Divide by 100 Multiply by 1 and 0 Divide by 1 and itself Recap Multiply and divide by 3 Recap The 3 times-table Multiply and divide by 6 6 times-table and division facts Multiply and divide by 9 9 times-table and division facts Multiply and divide by 7 7 times-table and division facts

Brookhurst Primary School
Mathematics Curriculum Overview

Year 4				
Term	Spring			
Unit of Work	Multiplication and Division	Area	Fractions	Decimals
Core Learning	11 and 12 times-table Multiply 3 numbers Factor pairs Efficient multiplication Written methods Recap Multiply 2-digits by 1-digit Multiply 2-digits by 1-digit Multiply 3-digits by 1-digit Divide 2-digits by 1-digit Divide 3-digits by 1-digit Correspondence problems	What is area? Counting squares Making shapes Comparing area	Recap Unit and non-unit fractions What is a fraction? Recap Tenths Recap Count in tenths Recap Equivalent fractions Equivalent fractions Fractions greater than 1 Count in fractions Recap Add fractions Add 2 or more fractions Recap Subtract fractions Subtract 2 fractions Subtract from whole amounts Recap Fractions of a set of objects Calculate fractions of a quantity Problem solving - calculate quantities	Activity Tenths and hundredths Recognise tenths and hundredths Tenths as decimals Tenths on a place value grid Tenths on a number line Divide 1-digit by 10 Divide 2-digits by 10 Hundredths Hundredths as decimals Hundredths on a place value grid Divide 1 or 2-digits by 100

Brookhurst Primary School
Mathematics Curriculum Overview

Year 4						
Term	Summer					
Unit of Work	Decimals	Money	Time	Statistics	Properties of Shape	Position and Direction
Core Learning	Recap Bonds to 10 and 100 Make a whole Write decimals Compare decimals Order decimals Round decimals Halves and quarters	Pounds and pence Ordering money Estimating money Recap Convert pounds and pence Recap Add money Recap Subtract money Recap Give change Working with money Four operations	Recap Telling the time to 5 minutes Recap Telling the time to the minute Recap Using a.m. and p.m. Recap 24-hour clock Hours, minutes and seconds Years, months, weeks and days Analogue to digital Analogue to digital - 12 hour Analogue to digital - 24 hour	Interpret charts Comparison, sum and difference Line graphs	Recap Turns and angles Recap Right angles in shapes Recap Compare angles Identify angles Compare and order angles Recap Recognise and describe 2-D shapes Triangles Quadrilaterals Symmetry Recap Horizontal and Vertical Lines of symmetry Complete a symmetric figure	Describe position Draw on a grid Move on a grid Describe movement on a grid

Brookhurst Primary School
Mathematics Curriculum Overview

	Numbers	Place Value	Addition	Subtraction	Multiplication	Division
Y4	1 I 2 II 3 III 4 IV 5 V 6 VI 7 VII 8 VIII 9 IX 10 X 50 L 100 C 500 D 1000 M 4 digit number thousand ten thousand hundred thousand hundredths	Roman Numerals round negative convert positive factor factor pair multiple	decimal addition	decimal subtraction	factor factor pair compact method short multiplication	quotient divisor dividend factors

Brookhurst Primary School
Mathematics Curriculum Overview

Year 5					
Term	Autumn				
Unit of Work	Place Value	Addition and Subtraction	Statistics	Multiplication and Division	Perimeter and Area
Core Learning	Recap 1000s, 100s, 10s, and 1s Number to 10,000 Recap Rounding to the nearest 10 Recap Rounding to the nearest 100 Rounding to 10, 100 and 1000 Numbers to 100,000 Compare and order numbers to 100,000 Round numbers within 100,000 Numbers to a million Counting in 10s, 100s, 1000s, 10,000s and 100,000s Compare and order numbers to one million Round numbers to one million Negative numbers Roman numerals	Recap Add two 4-digit numbers - one exchange Recap Add two 4-digit numbers - more than one exchange Add whole numbers with more than 4 digits (column method) Recap Subtract two 4-digit numbers - one exchange Recap Subtract two 4-digit numbers - more than one exchange Subtract whole numbers with more than 4 digits (column method) Round to estimate and approximate Inverse operations (addition and subtraction) Multi-step addition and subtraction problems	Recap Interpret charts Recap Comparison, sum and difference Recap Introduce line graphs Read and interpret line graphs Draw line graphs Use line graphs to solve problems Read and interpret tables Two-way tables Timetables	Multiples Factors Common factors Activity Prime numbers Prime numbers Square numbers Cube numbers Recap Multiply by 10 Recap Multiply by 100 Multiply by 10, 100 and 1,000 Recap Divide by 10 Recap Divide by 100 Divide by 10, 100 and 1,000 Multiples of 10, 100 and 1,000	Measure perimeter Recap perimeter on a grid Recap perimeter of rectangles Recap perimeter of rectilinear shapes Calculate perimeter Recap Counting squares Area of rectangles Area of compound shapes Area of irregular shapes

Brookhurst Primary School
Mathematics Curriculum Overview

Year 5			
Term	Spring		
Unit of Work	Multiplication and Division	Fractions	Decimals and Percentages
Core Learning	Recap Multiply 2 and 3 digits by 1 digit Multiply 4 digits by 1 digit Multiply 2 digits (Area model) Multiply 2 digits by 2 digits Multiply 3 digits by 2 digits Multiply 4 digits by 2 digits Recap Divide 2 digits by 1digit Recap Divide 3 digits by 1 digit Divide 4 digits by 1 digit Divide with remainders	Recap What is a fraction? Equivalent fractions Recap Fractions greater than 1 Improper fractions to mixed numbers Mixed numbers to improper fractions Number sequences Compare and order fractions less than 1 **C**ompare and order fractions greater than 1 Add and subtract fractions Add fractions within 1 Add 3 or more fractions Add fractions Add mixed numbers Subtract fractions Subtract mixed numbers Subtraction - breaking the whole Subtract 2 mixed numbers Multiply unit fractions by an integer Multiply non-unit fractions by an integer Multiply mixed numbers by integers Recap Calculate fractions of a quantity Fraction of an amount Using fractions as operators Fraction problem solving	Decimals up to 2 d.p. Decimals as fractions Understand thousandths Thousandths as decimals Rounding decimals Order and compare decimals Understand percentages Percentages as fractions and decimals Equivalent F.D.P

Brookhurst Primary School
Mathematics Curriculum Overview

Year 5					
Term	Summer				
Unit of Work	Decimals	Properties of shape	Position and direction	Converting units	Volume
Core Learning	Adding and Subtracting decimals within 1 Complements to 10 Adding decimals-crossing the whole Adding and Subtracting decimals with the same number of decimal places Adding and Subtracting decimals with a different number of decimal places Problem solving Adding and Subtracting wholes and decimals Decimal sequences Multiplying and Dividing decimals by 10, 100 and 1000	Recap Identify angles Recap Compare and order angles Measuring angles in degrees Measuring with a protractor Drawing lines and angles accurately Drawing lines and angles accurately Calculating angles on a straight line Calculating angles around a point Recap Triangles Recap Quadrilaterals Calculating lengths and angles in shapes Regular and irregular polygons Reasoning about 3-D shapes	Recap Describe position Recap Draw on a grid Position in the first quarter Translation Translation with coordinates Recap line of symmetry Recap Complete a symmetric figure Reflection Reflection with coordinates	Recap Kilometres Kilograms and kilometres Millimetres and millilitres Metric units Imperial units Converting units of time Timetables	What is volume? Compare volume Estimate volume Estimate capacity

Brookhurst Primary School
Mathematics Curriculum Overview

NEW Vocabulary

	Numbers	Place Value	Addition	Subtraction	Multiplication	Division
Y5	millions thousandths 5 and 6 digit number mixed number decimal fraction square number cube number prime number composite number decimals with 2 and 3 decimal places	prime common factor common multiple squared cubed integer decimal improper fraction mixed number percentage %	approximate	approximate	prime number composite number multiple common factor common multiple square number cube number squared, cubed long multiplication expanded method multiplier	compact short scale down test of divisibility

Brookhurst Primary School
Mathematics Curriculum Overview

Year 6				
Term	Autumn			
Unit of Work	Place Value	Addition, subtraction, multiplication & division	Fractions	Position & direction
Core Learning	Numbers to 10,000 Numbers to 100,000 Numbers to a million Numbers to ten million Compare and order any number Round numbers to 10, 100, 1000 Round any numbers Negative numbers	Add whole numbers with more than 4 digits Subtract whole numbers with more than 4 digits Inverse operations (+/-) Mul3ti-step addition and subtraction problems Add and subtract integers Multiply 4 digits by 1 digit Multiply 2 digits (area model) Multiply 2 digits by 2 digits Multiply 3 digits by 2 digits Multiply up to a 4 digit number by 2 digit number Divide 4 digits by 1 digit Divide with remainders Short division Division using factors Long division Factors Common Factors Common multiples Primes to 100 Squares and cubes Order of operations Mental calculations and estimation Reason from known facts	Equivalent fractions Simplify fractions Improper fractions to mixed numbers Mixed numbers to improper fractions Fractions on a number line Compare and order Add and subtract fractions Add and subtract mixed numbers Multiply and divide fractions by integers and fractions Four rules with fractions Fraction of an amount Find the whole	The first quadrant Four quadrants Translations Reflections

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Year 6						
Term	Spring					
Unit of Work	Decimals	Percentages	Algebra	Converting units	Perimeter, are & volume	Ratio
Core Learning	Decimals up to 2 places Thousandths Three decimal places Multiply and divide 2by 10, 100, 1000 Multiply and divide decimals by integers Division to solve problems Decimals as fractions Fractions to decimals	Understand percentages Fractions to percentages Equivalent FDP Order FDP Percentage of an amount Percentages- missing values	Find a rule-one step Find a rule-two step Forming expressions Substitution Formulae Forming equations Solve simple one-step equations Solve two-step equations	Metric measures Convert metric measures Calculate with metric measures Miles and kilometres Imperial measure	Shapes- same area Area and perimeter Area of a triangle Area of a parallelogram What is volume? Volume-counting cubes Volume of a cuboid	Use ratio language Ration and fractions Introducing the ratio symbol Calculating ratio Using scale factors Calculating scale factors Ratio and proportion Ratio and proportion problems

Brookhurst Primary School
Mathematics Curriculum Overview

Year 6				
Term	Summer			
Unit of Work	Statistics	Properties of shape		
Core Learning	Read and interpret line graphs Draw line graphs Use line graphs to solve problems Circles Read and interpret pie charts Pie charts with percentages Draw pie charts The mean	Measure with a protractor Draw lines and angles accurately Introduce angles Angles on a straight line Angles around a point Calculate angles Vertically opposite angles Angles in a triangle Angles in a triangle-special cases Angles in a triangle-missing angles Angles in special quadrilaterals Angles in regular polygons Draw shapes accurately Draw nets o 3D shapes		

Brookhurst Primary School
Mathematics Curriculum Overview

NEW Vocabulary

	Numbers	Place Value	Addition	Subtraction	Multiplication	Division
Y6	millions billions	sequence pattern term first term etc. rule proportion ratio power digital root	formula term order of operations precedence mean brackets average	formula term order of operations precedence brackets	approximate formula term order of operations precedence brackets	brackets balance order of operations precedence