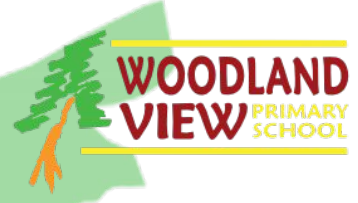




Year 3 Maths

Long Term Overview

Autumn Term



Wk	Unit	Learning content
1	Number Place Value	<ul style="list-style-type: none"> Partition numbers to 100 Identify or estimate the position of a given number on a number line Count in 100s and understand that 10 tens are equivalent to 100 Represent and partition numbers to 1000, including partitioning flexibly Understand the structure of numbers by considering how many hundreds, tens and ones it is made up of Find 1, 10 or 100 more or less than a given number Compare and order numbers to 1000 Count in multiples of 50
2		
3		
4	Number Addition and Subtraction	<ul style="list-style-type: none"> Apply number bonds within 10 to number bonds to 100 Add and subtract 1s, 10s and 100s from 3-digit numbers Add and subtract 1s across a 10 Add and subtract 10s across a 100 Add and subtract two 2-digit or 3-digit numbers using a formal written method where no exchange is needed Add and subtract two 2-digit or 3-digit numbers using a formal written method across a 10 or 100 where exchanges are needed Add a 2-digit number to a 3-digit number Subtract a 2-digit number from a 3-digit number Fluently find complements to 1000 Estimate answers to calculations Explore inverse relationships between addition and subtraction Identify what method is appropriate to solve word problems
5		
6		
7		
8		
9	Number Multiplication and Division A	<ul style="list-style-type: none"> Understand the word equal Build and use arrays to explore commutativity Identify whether or not a number is a multiple of 2 Recognise the connections between multiples of 5 and 10 Explore multiples of 3 through multiplying and dividing Become fluent in the 3 times-table Recognise that multiplying by 4 is the same as doubling and doubling again Explore dividing by 4 through sharing into 4 equal groups and grouping into 4s Become fluent in the 4 times-table Understand the link between counting in 8s and multiplying by 8 Divide by 8 through sharing and grouping Become fluent in the 8 times-table Make connections between the 2, 4 and 8 times-tables
10		
11		
12		

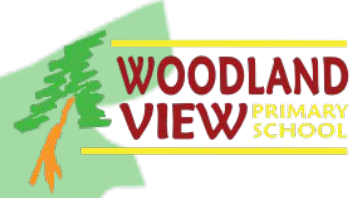
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Year 3 Maths

Long Term Overview

Spring Term



Wk	Unit	Learning content
1	Number Multiplication and Division B	<ul style="list-style-type: none"> Recognise that all multiples of 10 end in a 0 Explore scaling known multiplication facts by 10 Multiply a 2-digit number by a 1-digit number (no exchange) Multiply a 2-digit number by a 1-digit number (with exchange) Make links between multiplication and division facts Divide a 2-digit number by a 1-digit number (no exchange) Divide a 2-digit number by a 1-digit number (with remainders) Understand multiplication as a form of scaling Find all possible combinations when considering correspondence problems
2		
3		
4	Measurement Length and Perimeter	<ul style="list-style-type: none"> Measure in metres, centimetres and millimetres Understand that there are 10 mm in 1 cm Convert cm into metres and centimetres and vice versa Convert millimetres to centimetres and vice versa Compare lengths, converting where needed Add and subtract lengths, converting units that are not the same Know that perimeter is the distance around the outside of a closed 2D shape Measure and calculate the perimeter of 2D shapes
5		
6	Number Fractions A	<ul style="list-style-type: none"> Understand that the denominator of a fraction shows how many equal parts Compare and order unit fractions Understand the numerators of non-unit fractions Know that when the numerator of a fraction is equal to its denominator, the fraction is equivalent to 1 whole Compare and order non-unit fractions Use knowledge of numerators and denominators to interpret scales Explore how fractions can be represented on a number line Count in fractions on a number line Find equivalent fractions by comparing number lines and bar models
7		
8		
9		
10	Measurement Mass and capacity	<ul style="list-style-type: none"> Read and understand scales Measure mass in grams and kilograms Understand that 1000g is equivalent to 1kg Compare masses of different objects Add and subtract masses Measure capacity and volume in litres and millilitres Understand that 1 litre is equivalent to 1000 ml Compare, add and subtract capacities and volumes
11		
12		

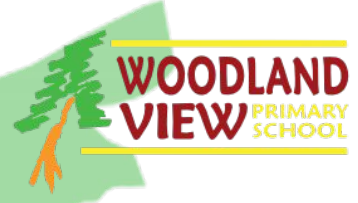
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Year 3 Maths

Long Term Overview

Summer Term



Wk	Unit	Learning content
1	Number Fractions B	<ul style="list-style-type: none"> Add and subtract fractions with the same denominator Partition a whole into unit and non-unit fractions Find unit fractions of a set of objects Find non-unit fractions of a set of objects Reason mathematically about fractions of amounts
2		
3	Measurement Money	<ul style="list-style-type: none"> Use £ and p notation to read monetary values Convert pounds and pence Add and subtract amounts of money Use subtraction to find change
4		
5	Measurement Time	<ul style="list-style-type: none"> Read and understand Roman numerals for numbers 1 to 12 Tell the time to 5 minute intervals Tell the time to the minute Read time on a digital clock Understand that 'am' describes before 12 noon and 'pm' describes after 12 noon Know that there are 7 days in a week Know that there are 12 months in a year Know how many days are in each month Know that there are 365 days in a year and 366 in a leap year Know that there are 24 hours in a day Find durations of time between given start and end times Compare lengths of time using different units Solve problems with time
6		
7		
8		
8	Geometry Shape	<ul style="list-style-type: none"> Recognise angles as describing the size of a turn Know that the greater the angle, the greater the turn Know that a right angle is a quarter turn and recognise the symbol for this Describe angles as less than or more than a right angle and begin to use the terms acute and obtuse Measure and draw lines accurately in centimetres and millimetres Recognise and draw horizontal and vertical lines Find and identify parallel and perpendicular lines Recognise and describe 2D shapes Accurately create and draw 2D shapes Recognise and describe 3D shapes Build 3D shapes from construction materials
9		
10	Statistics	<ul style="list-style-type: none"> Interpret and draw pictograms Interpret and draw bar charts Collect and represent data to construct own pictograms and bar charts Interpret information from simple two-way tables
11		
12	Consolidation	

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