Year 3 Autumn Term
Unit 1 – all about numbers
Count from zero in multiples of 100.
Find ten or 100 more or less than a given number.
Recognise the place value in three-digit number
Read and write numbers up to 500 in numerals and words
Compare and order numbers up to 500
Identify, represent and estimate numbers to 500 using different representations
Unit 2 – mental and written calculation
I can add and subtract a 3 digit number and ones
I can add and subtract a 3 digit number and tens
I can add and subtract a 3 digit number and hundreds
Solve problems, including missing number problems, using number facts, place value and more complex addition and subtraction
Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction
Estimate the answer to a calculation and use inverse operations to check answers
Unit 3 – ways to multiply and divide
Recall and use multiplication and division facts for the **three** times table
Recall and use multiplication and division facts for the **four** times table
Recall and use multiplication and division facts for the **eight** times table
Write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for 2-digit numbers multiplied by single-digit numbers, mentally and progressing to formal written methods
Interpret and present data using pictograms and tables
Solve problems involving multiplication and division, including correspondence problems in which n objects are connected to m objects.
Unit 4 – angles and shapes
Draw 2-D shapes and make 3-D shapes using modelling materials
Recognise 3-D shapes in different orientations and describe them.
Solve one-step and two-step questions using information in scaled bar charts, pictograms and tables.
Recognise angles as a property of shapes or a description of a turn.
Identify right angles.
Identify whether angles are greater than or less than a right angle.
Unit 5 – number and place value
Count from zero in multiples of four, eight, 50 and 100.
Find ten or 100 more or less than a given number.
Interpret and present data using bar charts, pictograms and tables.
Year 3 Spring Term
Unit 5 – Number and Place Value
Count from zero in multiples of 4
Count from zero in multiples of 8
Count from zero in multiples of 50
Count from zero in multiples of 100
Find 10 or 100 more or less than a given number
Interpret and present data using bar charts
Interpret and present data using pictograms

Interpret and present data using tables
Recognise the place value in each digit in a 3 digit number
Compare and order numbers to 1000
Identify and represent numbers to 750 using different representations
Read and write numbers to 750 in numerals and words
Measure and compare mass (kg/g)
Count up and down in tenths; recognise that tenths arise from dividing an object into ten equal parts and dividing single-digit numbers or quantities by 10.
Solve number and practical problems
Unit 6 – Addition and Subtraction
Add numbers mentally using number facts and place value
Add numbers with up to three digits using the formal written methods of columnar addition where appropriate
Subtract numbers mentally using number facts and place value
Subtract numbers up to three digits using the formal written method of columnar subtraction where appropriate
Estimate and use inverse operations to check answers to a calculation
Solve addition and subtraction problems in context, deciding which operation to use and why
Unit 7 – Writing and using fractions
Identify, represent and compare numbers to 1000 using different representations
Count up and down in tenths; recognise that tenths arise from dividing an object into ten equal parts and dividing single-digit numbers or quantities by 10.
Recognise and use fractions as numbers; unit and non-unit fractions with small denominators.
Compare unit fractions and fractions with the same denominator
Order unit fractions and fractions with the same denominator
Solve number and practical problems
Add fractions with the same denominator
Subtract fractions with the same denominator
Unit 8 – Using multiplication and division facts
Recall and use multiplication and division facts for the 3 times table
Recall and use multiplication and division facts for the 4 times table
Recall and use multiplication and division facts for the 8 times table
Write and calculate mathematical statements for multiplication and division using the tables that they know for two digit numbers multiplied by a one digit number using mental methods
Write and calculate mathematical statements for multiplication and division using the tables that they know for two digit numbers multiplied by a one digit number using formal methods
Solve problems including missing number problems involving multiplication and division including positive integer scaling problems in which n objects are connected to m objects
Unit 9 – Exploring lines and turns
Identify horizontal and vertical lines and pairs of perpendicular and parallel lines
Draw 2d shapes
Make 3d shapes using modelling materials
Recognise angles as a property of shape or a description of turn
Identify right angles
Recognise that two right angles make a half turn, three make three quarters of a turn and four make a complete turn
Recognise 3d shapes in different orientations and describe them
Year 3 Summer Term
Unit 10 – Using number and place value

Read and write numbers up to 1000 in numerals and words
Tell and read the time from an analogue clock including using roman numerals and the 12 hour clock
Estimate and read time with increasing accuracy to the nearest minute; records and compare time in terms of seconds, minutes and hours; use vocabulary such as o'clock am/pm, morning, afternoon, noon and midnight
Identify, represent and compare numbers up to 1000 using different representations
Count up and down in tenths, recognise that tenths arise from dividing an object into ten equal parts and dividing single digit numbers by quantities by ten
Interpret data using bar charts
Know the number of seconds in a minute and the number of days in each month, year and leap year
Compare durations of length
Unit 11 – Addition and subtraction
Add numbers mentally including a 3-digit number and ones, tens and hundreds
Add numbers with up to 3 digits using the formal written methods of column addition
Estimate the answer to a calculation and use inverse operations to check answers
Solve problems involving missing number problems, using number facts, place value and more complex addition
Subtract numbers mentally including a 3-digit number and ones, tens and hundreds
Subtract numbers with up to 3 digits using the formal written methods of column subtraction
Estimate the answer to a calculation and use inverse operations to check answers
Solve problems involving missing number problems, using number facts, place value and more complex subtraction
Unit 12 – Representing whole numbers and fractions
Identify, represent and compare numbers to 1000 using different representations
Count up and down in tenths, recognise that tenths arise from dividing an object into ten equal parts and dividing single digit numbers by quantities by ten
Solve number and practical problems involving measure and compare lengths in m/cm/mm
Recognise and use fractions as numbers; unit and non-unit fractions with small denominators
Compare and order unit fractions and fractions with the same denominator
Add and subtract amounts of money to give change using both £ and p in practical contexts
Recognise and show, using diagrams, equivalent fractions with small denominators
Add and subtract fractions with the same denominator within one whole
Solve number and practical problems involving measure; compare and add and subtract mass kg/g
Unit 13 – Written methods for multiplication and division
Write and calculate mathematical statements for multiplication using known multiplication tables including for 2 digit numbers multiplied by single digit numbers using mental and progressing to formal methods
Write and calculate mathematical statements for division using known multiplication tables starting with mental and progressing to formal methods
Unit 14 – 2-D shapes and perimeter
Draw 2D shapes and describe them
Interpret and present data using bar charts
Interpret and present data using pictograms
Interpret and present data using tables
Measure, compare, add and subtract lengths m/cm/mm
Measure the perimeter of simple 2D shapes