

## Maths Long Term Planning - Year 3

Autumn term:

Year 3	Length and Perimeter	Place Value	Addition and Subtraction	Assessment	Multiplication and Division A
Suggested Small Steps	Measure in metres, centimetres and millimetres  Equivalent lengths  Compare lengths  Add and subtract length  Perimeter	Represent and partition numbers to 100  Represent and partition numbers to 1,000  Flexible partitioning of numbers to 1,000  Hundreds, tens and ones  Estimate, order and compare numbers to 1,000	Add and subtract 1s, 10s and 100s  Add and subtract 1s across a 10  Add and subtract 10s across 100  Add and subtract two numbers (no exchange)  Add and subtract two numbers across 10s and 100s  Add 2 and 3-digit numbers  Inverse operations		Multiplication - equal groups/arrays  Multiples of 2  Multiples of 5 and 10  Sharing and grouping  Multiply and divide by 3  Multiply and divide by 4  Multiply and divide by 8  The 2, 4 and 8 times-tables
RTP	3NPV-1, 3NPV-2 3NPV-3, 3NPV-4 3NF-3	3NF-1 3AS-1 3AS-2 3AS-3	3NF-2 3MD-1		3NF-2 3MD-1
Vocabulary	Hundreds, tens, ones, partitioning, part-whole model, bar model, multiples, base 10, value, digit, column, inverse, equal, unequal, times, times table, array, sharing, grouping, multiply, divide, lots of, ascending, descending, column addition, column subtraction, exchange, estimate, derived facts, tenths, numerator, denominator				
Threads	Number line, bar model				

Spring Term:

Year 3	Shape - recognition	Multiplication and Division B	Fractions A	Time	Assessment	Easter Production
Suggested Small Steps	Recognise and describe 2-D shapes	Multiples of 10 Related calculations	Understand the denominators of unit fractions Compare and order unit fractions	Months and years Hours in a day		
	Recognise and describe 3-D shapes	Reasoning about multiplication Multiply and divide a 2-digit number by a 1-digit number - no exchange Multiply and divide a 2-digit number by a 1-digit number - with exchange Remainders	Understand the numerators of non-unit fractions Understand the whole Compare and order non-unit fractions including number lines Fractions and scales Equivalence	Telling the time to 5 minutes Telling the time to the minute Using a.m. and p.m. 24-hour clock Finding and comparing the duration Measuring time in seconds		
RTP		3NF-2 3MD-1	3F-1 3F-2 3F-3			
Vocabulary	Hundreds, tens, ones, partitioning, part-whole model, bar model, multiples, base 10, value, digit, column, inverse, equal, unequal, times, times table, array, sharing, grouping, multiply, divide, lots of, ascending, descending, column addition, column subtraction, exchange, estimate, derived facts, tenths, numerator, denominator					
Threads	Number line, bar model					

Summer Term:

Year 3	Shape - lines and Language	Fractions B	Money	Mass and Capacity	Assessment Week	Statistics
Suggested small steps	Turns and angles Right angles in shapes Compare angles Horizontal and vertical Parallel and perpendicular		Count in pounds and pence Add and subtract pounds and pence	Measure mass and compare Add and subtract mass Measure and compare capacity Add and subtract capacity Temperature		Make tally charts Draw and interpret pictograms Bar charts Tables
RTP	3G-1 3G-2	3F-1 3F-2 3F-3				
Vocabulary	Hundreds, tens, ones, partitioning, part-whole model, bar model, multiples, base 10, value, digit, column, inverse, equal, unequal, times, times table, array, sharing, grouping, multiply, divide, lots of, ascending, descending, column addition, column subtraction, exchange, estimate, derived facts, tenths, numerator, denominator					
Threads	Number line, bar model					