Year 5/6 Autumn Term Maths

Week	Day	Y5 Topic	Y6 Topic
1	1	PD DAYS	
	2	PD DAYS	
	3	Pre place value assessment	
	4	Roman Numerals to 1000 (Y5)	
	5	Numbers to 100 000	Numbers to 1 000 000
2	1	Numbers to 1 000 000	Numbers to 10 000 000
	2	Read and write numbers to 1 000 000	Read and write numbers to 10 000 000
	3	Powers of 10	Powers of 10
	4	10/100/1000/10 000/100 000 more or less	
	5	Partition numbers	
3	1	Number line to 1 000 000	Number line to 10 000 000
	2	Compare and order numbers to 1 000 000	Compare and order any integer
	3	Round to the nearest 10, 100 and 1000	Problem solving
	4	Round to the nearest 100 000	Round any integer
	5	Round to the nearest 1 000 000	Negative numbers
4 Bikeability	1	End of place value unit assessment Pre four operations unit assessment (Y6 Gp B)	
	2	Mental strategies	Add and subtract integers (Y6 Gp B)
	3	Add whole numbers with more than 4 digits	End of place value unit assessment Pre four operations unit assessment (Y6 Gp A)
	4	Subtract whole numbers with more than 4 digits	Add and subtract integers (Y6 Gp A)
	5	Multi step addition and subtraction problems	
5	1	Factors and common factors	Common factors
	2	Multiples and common multiples	Common multiples
	3	Prime numbers	Prime numbers
	4	Square numbers Cube numbers	Square and cube numbers
	5	Multiply and divide by 10, 100 and 1000	

6	1	Multiples of 10, 100 and 1000	
	2	Multiply 4 by 1	Reason from known facts
	3	Multiply 2 by 2 Multiply 3 by 2	
	4	Multiply 4 by 2	Multiply 4 by 2
	5	Solve problems with multiplication	Solve problems with multiplication
7	1	Short division	Short division
	2	Divide a 4 digit by a 1 digit number	Division using factors
	3	Divide with remainders	Multiples of 2 digit numbers
	4	Efficient division	Introduction to long division
	5	Division continued	Long division
8	1	Solve problems with multiplication and division	Long division with remainders
	2	Inverse operations	Solve multi step problems
	3	Round to check answers	Mental calculations and estimation
	4	Compare calculations	BIDMAS
	5	Find missing numbers	Pre Fractions A assessment End of four operations assessment
9	1	End of addition and subtraction assessment	Arthog
	2	End of multiplication & division A assessment	
	3	End of multiplication & division B assessment	
	4	Pre fractions A assessment	
	5	Puzzles	
10	1	Find fractions equivalent to unit and non – unit fractions	Equivalent fractions and simplifying
	2	Recognise equivalent fractions	Equivalent fractions on a number line
	3	Convert mixed numbers and improper fractions	
	4	Compare fractions less than 1	Simplifying fractions
	5	Order fractions less than 1	Compare and order fractions
11	1	Compare and order fractions greater than 1	Compare and order fractions
	2	Add and subtract fractions with the same denominator	Add and subtract simple fractions
	3	Add fractions within 1	Add and subtract any 2 fractions
	4	Add fractions with total greater than 1	

	5	Add to a mixed number	Add mixed numbers
12	1	Add two mixed numbers	Add mixed numbers
	2	Subtract fractions	Problem solving
	3	Subtract from a mixed number	Subtract mixed numbers
	4	Subtract two mixed numbers	Multi step problems
	5	End of fractions A assessment Pre fractions B assessment	
13	1	Multiply a unit fraction by an integer	Multiply fractions by integers
	2	Multiply a non-unit fraction by an integer	Multiply fractions by fractions
	3	Multiply a mixed number by an integer	Divide a fraction by an integer
	4	Use fractions as operators	Divide any fraction by an integer
	5	Calculate a fraction of a quantity	Mixed questions with fractions
14	1	Fraction of an amount	Fraction of an amount
	2	Find the whole	Fraction of an amount – find the whole
	3	End of fractions B assessment Pre converting units assessment	
	4	Kilograms and kilometres	Metric measure
	5	Millimetres and millilitres	Convert metric measures
15	1	Convert units of length	Calculate with metric measures
	2	Convert between metric and imperial	Miles and kms
	3	Convert between metric and imperial	Imperial measures
	4	End of unit converting units assessment	
	5	PD Day	