Week	Objectives
Maths Autumn	
Focus: Place Value Four Operations	
Week	Objectives
Week 1: 7.9.20 **Place Value**	**Year 5** ➤ read, write, order and compare numbers to at least 1 000 000 and determine the value of each digit ➤ count forwards or backwards in steps of powers of 10 for any given number up to 1 000 000 ➤ interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers through zero **Year 6** ➤ read, write, order and compare numbers up to 10 000 000 and determine the value of each digit
Week 2: 14.9.20 **Place Value**	**Year 5** ➤ round any number up to 1 000 000 to the nearest 10, 100, 1000, 10 000 and 100 000 ➤ solve number problems and practical problems that involve all of the above **Year 6** ➤ round any whole number to a required degree of accuracy ➤ use negative numbers in context, and calculate intervals across zero
Week 3: 21.9.20 **Addition and Subtraction**	**Year 5 and 6** ➤ add and subtract whole numbers with more than 4 digits, including using efficient written methods (columnar addition and subtraction) ➤ add and subtract numbers mentally with increasingly large numbers ➤ use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy ➤ solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why.
Week 4: 28.9.20 **Addition and Subtraction**	**Year 5 and 6** ➤ add and subtract whole numbers with more than 4 digits, including using efficient written methods (columnar addition and subtraction) ➤ add and subtract numbers mentally with increasingly large numbers ➤ use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy ➤ solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why.

Week 5: 5.10.20 **Multiplication and Division**	**Year 5** ➢ solve problems involving multiplication and division where larger numbers are used by decomposing them into their factors ➢ multiply numbers up to 4 digits by a one- or two-digit number using an efficient written method, including long multiplication for two-digit numbers ➢ divide numbers up to 4 digits by a one-digit number using the efficient written method of short division and interpret remainders appropriately for the context ➢ multiply and divide whole numbers and those involving decimals by 10, 100 and 1000 ➢ solve problems involving multiplication and division, including scaling by simple fractions and problems involving simple rates **Year 6** ➢ multiply multi-digit numbers up to 4 digits by a two-digit whole number using the efficient written method of long multiplication ➢ divide numbers up to 4 digits by a two-digit whole number using the efficient written method of long division, and interpret remainders as whole number remainders, fractions, or by rounding, as appropriate for the context ➢ perform mental calculations, including with mixed operations and large numbers
Week 6: 12.10.20 **Multiplication and Division**	**Year 5** ➢ solve problems involving multiplication and division where larger numbers are used by decomposing them into their factors ➢ multiply numbers up to 4 digits by a one- or two-digit number using an efficient written method, including long multiplication for two-digit numbers ➢ divide numbers up to 4 digits by a one-digit number using the efficient written method of short division and interpret remainders appropriately for the context ➢ multiply and divide whole numbers and those involving decimals by 10, 100 and 1000 ➢ solve problems involving multiplication and division, including scaling by simple fractions and problems involving simple rates ➢ **Year 6** ➢ multiply multi-digit numbers up to 4 digits by a two-digit whole number using the efficient written method of long multiplication ➢ divide numbers up to 4 digits by a two-digit whole number using the efficient written method of long division, and

		interpret remainders as whole number remainders, fractions, or by rounding, as appropriate for the context
	➤	perform mental calculations, including with mixed operations and large numbers
Week 7: 19.10.20 **Prime Numbers, Order of Operations, Related Facts**	**Year 5 and 6** ➤ solve problems involving multiplication and division where larger numbers are used by decomposing them into their factors ➤ know and use the vocabulary of prime numbers, prime factors and composite (non-prime) numbers ➤ establish whether a number up to 100 is prime and recall prime numbers up to 19	
Week 8: 2.11.20	**Year 5** **Year 6** ➤	
Week 9: 9.11.20	**Year 5** **Year 6** ➤	
Week 10: 16.11.20	**Year 5** **Year 6** ➤	
Week 11: 23.1120	**Year 5** **Year 6** ➤	
Week 12: 30.11.20	**Year 5**	

	Year 6 ➤
Week 13 7.12.20	Year 5 Year 6
Week 14 14.12.20	Year 5 Year 6