

Year 6 Autumn 1											
Week 1		Week 2		Week 3		Week 4		Week 5		Week 6	
Maths Outcomes	Cross Curricular Links	Maths Outcomes	Cross Curricular Links	Maths Outcomes	Cross Curricular Links	Maths Outcomes	Cross Curricular Links	Maths Outcomes	Cross Curricular Links	Maths Outcomes	Cross Curricular Links
Assessment		Pupils use the whole number system, including saying, reading and writing numbers accurately.		bank holiday		compare and order fractions whose denominators are all multiples of the same number		add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions		divide proper fractions by whole numbers	
read, write, order and compare numbers up to 10,000,000 and determine the value of each digit		They continue to use number in context, including measurement. Pupils extend and apply their understanding of the number system to the decimal numbers and fractions that they have met so far.		arithmetic assessment		compare and order fractions, including fractions >1		multiply simple pairs of proper fractions, writing the answer in its simplest form		associate a fraction with division and calculate decimal fraction equivalents	
round any whole number to a required degree of accuracy		perform mental calculations, including with mixed operations and large numbers		Pupils round answers to a specified degree of accuracy, for example, to the nearest 10, 20, 50, etc. but not to a specified number of significant figures.		multiply multi-digit numbers up to 4 digits by a two-digit whole number using the formal written method of long multiplication		Pupils practise multiplication and division for larger numbers, using the formal written methods of columnar short and long multiplication, and short and long division		Identify the value of each digit in numbers given to 3 decimal places and multiply and divide numbers by 10, 100 and 1,000 giving answers up to 3 decimal places	
		solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why		Pupils practise addition, subtraction using the formal written methods of columnar addition and subtraction		divide numbers up to 4 digits by a two-digit whole number using the formal written method of long division, and interpret remainders as whole number		Pupils continue to use all the multiplication tables to calculate mathematical statements in order to maintain their fluency.		multiply one-digit numbers with up to 2 decimal places by whole numbers	
solve number and practical problems that involve all of the above		use estimation to check answers to calculations and determine, in the context of a problem, an appropriate degree of accuracy		Pupils explore the order of operations using brackets; for example, $2 + 1 \times 3 = 5$ and $(2 + 1) \times 3 = 9$.		Identify common factors, common multiples and prime numbers		Pupils round answers to a specified degree of accuracy, for example, to the nearest 10, 20, 50, etc. but not to a specified number of significant figures.		use written division methods in cases where the answer has up to 2 decimal places	