Stage 4 -Number Programme of Study Objectives	Comment
Number – Number and place value	
Count in multiples of 6, 7, 9, 25 and 1000	
Find 1000 more or less than a given number	
Count backwards through zero to include negative numbers	
Recognise the place value of each digit in a four-digit number.	
Order and compare numbers beyond 1000 using < > =	
Identify, represent and estimate numbers using different representations (up to 10,000)	
Round any number to the nearest 10, 100 or 1000	
Solve number and practical problems that involve all of the above and with increasingly large positive numbers	
Read Roman numerals to 100 (I to C) and know that over time, the numeral system changed to include the concept of zero and place value.	
Begin to extend place value knowledge to include decimals	
Number - Addition and Subtraction	
Practice mental and written methods with large numbers to increase fluency	
Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate.	
Estimate and use inverse operations to check answers to a calculation	
Solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why.	
Number – Multiplication and Division	
Recall ×/÷ facts for × table facts up to 12×12	
Multiply 3 numbers together	
× and ÷ by 0 and 1 (HTU)	
Use place value, known and derived facts to × and ÷	
Recognise and use factor pairs and commutativity	
Multiply HTU×U and TU×U using written methods	
Divide numbers up to 3 digits by a one digit number using an efficient written method	
Number – Fractions (including decimals)	
Connect fractions on a number line to numbers and measure	
Simplify fractions where appropriate	
Identify, name and write equivalent fractions of a given fraction including 1/10 and 1/100	
Recognise that hundredths arise when ÷ an object by 100 and that tenths arise by ÷ by 10	
Practice counting using simple fractions and decimal fractions, forwards and backwards	
Count up and down in hundredths	
Add and subtract fractions with the same denominator up to 1 whole	

Solve problems involving increasingly harder fractions to calculate and divide quantities including non-unit fractions up to 1 whole	
Recognise and write decimal equivalents of any number of tenths or hundredths	
Recognise and write decimal equivalents to ¼, ½ and 3/4 .	
Round numbers with 1 decimal place to the nearest whole	
Compare numbers with the same number of decimal places up to 2 d.p.	
Find the effect of dividing a number with 1 or 2 d.p. by 10 and 100, identifying the value of the digits as U, tenths or hundredths	