



MATHS

Number – Place Value (Week 1 – 3)

- Read, write, order and compare numbers to at least 1000000 and determine the value of each digit
 - Count forwards or backwards in steps of powers of 10 for any given number up to 1000000
- Interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers including through zero
 - Round any number up to 1000000 to the nearest 10,100,1000,10000 and 100000
 - Solve number problems and practical problems that involve all of the above
 - Read roman numerals to 1000 (M) and recognise years written in Roman numerals

Number – Addition & Subtraction (Week 4 – 6)

- Add and subtract numbers mentally with increasingly large numbers
- Add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction)
 - 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

Number – Multiplication & Division (Week 7 – 10)

- Multiply and divide numbers mentally drawing upon known facts
- Multiply and divide whole numbers by 10,100 and 1000
- Multiply numbers up to 4 digits by a one or two digit number using a formal written method, including long multiplication for 2 digit numbers
- Divide numbers up to 4 digits by a one digit number using the formal written method of short division and interpret remainders appropriately for the context
- Identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers
- Recognise and use square numbers and cube numbers and the notation for squared (2) and cubed (3)
- Solve problems involving multiplication and division including using their knowledge of factors and multiples, squares and cubes
- Solve problems involving addition and subtraction, multiplication and division and a combination of these, including understanding the use of the equals sign

Statistics (Week 11 – 12)

- Solve comparison, sum and difference problems using information presented in a line graph
- Complete, read and interpret information in tables including timetables



MENTAL MATHS

- Use place value and number facts to add two or more friendly numbers including money and decimals (e.g. $3+4+8+6+7$, $0.6+0.4+0.7$)
 - Add and subtract decimal numbers which are near multiples of 1 or 10 including money (e.g. $£6.34-1.99$ or $£34.59-£19.95$)
- Count in 11's and 12's and learn the 11x and 12x table
- Add to the next 10 from a decimal number (e.g. $13.6 + 6.4 = 20$).
- Know number bonds to 1 and to the next whole number

