Accelerated Maths

Year	Autumn	Spring	Summer
Year 7	Write words as figures, addition and subtraction, identify types of shapes, recognise coins and money, units of time, find fractions of a number, order months of a year,	Adding and subtracting whole numbers, divisibility tests, identify prime numbers, prime factorisation, prime factors and HCF and LCM, squares and cubes, order of operations, find the squares and square roots of numbers	Decimals place values, multiply decimals by powers of 10, divide decimals by powers of 10, divide positive integers by powers of 10, compare and order decimals, round whole numbers, round decimals, order integers, adding and subtracting negative numbers, prime factors, HCF and LCM
Year 8	Write numbers in partitioned form and give usual form. Identify place value in 2- and 4-digit whole numbers. Know addition can be done in any order. Recognise multiples. Count faces vertices edges Multiply numbers by 0.1 and 0.01. Divide numbers by 0.1 and 0.01. Compare and order	Multiply numbers by 0.1 and 0.01. Divide numbers by 0.1 and 0.01. Compare and order decimals. Round numbers and understand the effects of rounding. Round decimals. Write prime factorisation of numbers. Find the highest common factor. Find the lowest	Multiply 2- and 3- digit whole numbers by 1000. Divide 4- and 5- digit whole numbers by 1000. Multiply decimals by 10 or 100. Round 3- and 5- digit numbers to the nearest 10. Round 4- and 6- digit numbers to the nearest 100 and 1000. Round 4- and 6- digit numbers to the

| | decimals.
Round numbers and understand the effects of rounding.
Round decimals. | common multiple.
Find cube roots and square roots of perfect numbers.
Locate two integers between which a square root lies.
Convert decimals to fractions.
Convert fractions to decimals.
Express a number as a fraction of another number. | nearest 1000.
Find missing numbers in a sequence or pattern.
Identify the smallest common multiple of two numbers.
Find the square of whole numbers.
Simplify fractions.
Add and subtract fractions. |