

Year Five Autumn Term Maths Plan- Maple Class

Plans may change to meet the children's needs where appropriate

Week	Multiplication focus Monday	Shape/space/measure Tuesday	Main Focus Wednesday-Friday
	Weekly mixed times tables starter activity		Weekly mental maths test with mixed maths questions including all maths concepts.
Autumn 1	Times tables revision, main focus on x6,7,9	→	Place Value, thHTO, decimals
Autumn 2	Multiplication using arrays and understanding that division is the inverse of multiplication.	→	Multiplying and dividing numbers by 10 and 100 by relating to place value.
Autumn 3	Focus On 6x table facts, rapid recall	Describe positions on a 2D grid as co-ordinates - link to PE orienteering	Number work re-cap Negative numbers Roman Numerals

Autumn 4	Focus On 7x table facts, rapid recall	Describe positions on a 2D grid as co-ordinates - link to PE orienteering	Addition strategies including using formal method of addition (Homework week 5)
Autumn 5	Focus On 8x table facts, rapid recall use of term 'multiples'	Describe movements between positions as translations of a given unit to the left/right, up/down	Subtraction strategies including using the formal method for subtraction. (Homework week 6)
Autumn 6	6,7,8x tables	Plot specified points and draw sides to complete a given polygon	Re-cap grid method for multiplication inc 2 digit by 2 digit
Autumn 7	6,7,8x tables Focus on inverse	Perimeter of rectangles and rectilinear shapes	Short multiplication Problem solving and reasoning using multiplication
Autumn 8	Assessment of times Tables	Assessment	Assessment
Autumn B1	Work on own targeted times tables for speed recall recognise and use factor pairs and commutativity in mental calculations	Introduction to Area	Timestables re-cap and application using the inverse to solve number problems Multiply by 10, 100, 1000

Autumn B2	Work on own targeted times tables for speed recall Identify multiples and factors	Area of rectangles and compound shapes	Multiply and Divide by 10, 100, 1000
Autumn B3	Work on own targeted times tables for speed recall Find factor pairs of a number Common factors of 2 numbers	Area of irregular shapes	Fractions - counting in hundredths and tenths Equivalent Fractions
Autumn B4	Work on own targeted times tables for speed recall Investigate numbers within 100 and see if they are a prime number	interpret data on bar charts, present own data on bar chart	Recognise mixed numbers and improper fractions and convert one to the other
Autumn B5	Work on own targeted times tables for speed recall squared numbers and appropriate notation	use information in a bar chart to solve comparison/sum/difference problems	Compare and order fractions including whose denominators are multiples of the same number
Autumn B6	Work on own targeted times tables for speed recall cubed numbers and appropriate notation	interpret data on line graphs, present own data on bar chart	Add and subtract fractions with denominators which are multiples of the same number
Autumn B7	Times Tables Assessment	Timetables - complete read and interpret information	Assessment