

Multiplication and Division

N	<ul style="list-style-type: none"> • Sharing 	R	<ul style="list-style-type: none"> • Numerical Patterns (halving/doubling/odds and evens) • Sorting into 2 groups - Halving • Doubling/ Odds and Evens • Sharing
Y1	<ul style="list-style-type: none"> • Count in 2s,5s and 10s • Doubles/Make doubles • Recognise equal groups • Add arrays/Make arrays • Make equal groups - grouping and sharing 	Y2	<ul style="list-style-type: none"> • Recognise and make equal groups • Add equal groups • Introduce multiplication symbol • To understand multiplication sentences • To use arrays • To make equal groups (grouping & sharing) • To recall and use multiplication and division facts for the 2,5 & 10 multiplication table. • To recognise odd and even numbers. • To double and halve numbers • Bar modelling - Sharing & Grouping
Y3	<ul style="list-style-type: none"> • Multiplication – equal groups • Use arrays • Sharing and grouping • Multiply and divide by 3, 4 & 8 • Multiples of 10 • Related calculations • Multiply a 2-digit number by a 1-digit number • Link multiplication and division • Divide a 2-digit number by a 1-digit number 	Y4	<ul style="list-style-type: none"> • Multiply by 1 and 0 • Divide a number by 1 and itself • Factor pairs • Multiply three numbers • Multiply and divide by 10/100 • Related facts - multiplication and division • Informal written methods for multiplication • Multiply a 2 or 3 digit number by a 1 digit number • Divide a 2 or 3 digit number by a 1 digit number • Multiply and divide by 3,6,9,7, 11, 12
Y5	<ul style="list-style-type: none"> • To identify and explore multiples. • To identify and explore common multiples of any pair of numbers. • To explore the relationship between multiplication and division: factors. • To compare factors to identify common factors. • To multiply and divide by 10, 100 and 1,000. • To apply my knowledge of factors to identify prime numbers. • To calculate square and cubed numbers. • To multiply up to a 4-digit number by a 1-digit number. • To multiply a 2, 3 or 4 digit number by a 2-digit number • To divide using the formal (bus-stop) method of short division • To divide with remainders (formal method). • To solve problems with multiplication and division. • To apply my knowledge of factors to identify prime numbers. 		
Y6	<ul style="list-style-type: none"> • To identify common factors and common multiples. • To multiply four digits by 2-digits using the formal written method of long multiplication. • To divide numbers up to four digits by a 1-digit number using the formal written method of short division. • To divide numbers up to four digits by a 2-digit whole number using the formal written method of long division. • To know the priority of the order of operations in a calculation. • To solve problems involving addition, subtraction, multiplication and division. • To multiply and divide by 10, 100 and 1000. 		