

West Jesmond Primary.
Whole School Times Tables Progression.

	Year 1	Year 2 2,5,10	Year 3 3,4,8	Year 4 6,9,7 ,11, 12 and all.	Year 5	Year 6
Autumn	Count forwards and backwards in 2s recognising even numbers and doubles.	Consolidate counting in 2's, 5's and 10's fluently up to 12x. Include missing numbers and division facts. Begin to count in 3's.	Count in multiples of 2,5 and 10. Recall multiples of 3 up to 12 x 3. Recall multiples of 4 up to 12x4. (relate to 2's) Introduce and begin to count in multiples of 8 from 0 to 12 x8. (relate to 4's)	Recall multiples of 3,4 and 8 up to 12x in any order, including missing numbers and related division facts fluently. Fluently count in 6's up to 12x6. (relate to 3's) Recall multiples of 6 in any order, including missing numbers and related division facts with growing fluency. Fluently count in 9's up to 12x9. Recall multiples of 9 in order including missing numbers and related division facts Fluently count in 7's in order up to 12x7.	Recall multiples of 12 in any order, including missing numbers and related division facts. Recall multiples from all times tables up to 12x12 in any order. Revision of all times tables. Multiply and divide numbers mentally drawing upon known facts. Use knowledge of factors to multiply. Identify multiples and factors, including finding all factor pairs of a number and common factors of two numbers. Compare and order fractions whose denominators are all multiples of the same number. Identify, name and write equivalent fractions -revise underlying relationships for each table – thirds & sixths, quarters & eighths, sixths & twelfths. Teaching of squared numbers. Recall of squared numbers. Teaching of cubed numbers. Recall of cubed numbers. Teaching of prime numbers. Recall of prime numbers.	Recall of all times tables. Multiply and divide numbers mentally drawing upon known facts. Use knowledge of factors to multiply. Recall of all square numbers. Recall of all cubed numbers. Recall of prime numbers to 50. Identify prime numbers to 100. Identify common factors, common multiples and prime numbers. Look for contexts which may lend themselves to consolidation of particular tables. To use common multiples to express fractions in the same denomination.

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Spring	Count in 10's up to 120 Count in 5's up to 60	Recall multiples of 2 up to 12x2 in any order including missing numbers and division facts. Recall multiples of 10 up to 12x10 fluently. Recall multiples of 5 up to 12x2 in any order including missing numbers and division facts.	Recall multiples of 3 up to 12x3 in any order, missing numbers and division facts with growing fluency. Recall multiples of 4 up to 12x4 in any order, missing numbers and division facts with growing fluency. Count in multiples of 8 to 12x8 in any order from 0 fluently.	Fluently count in 11's in order up to 12x11. Recall multiples of 11 in any order. Fluently count in 12's up to 12x12. Recall multiples of 12 in any order, including missing numbers and related division facts. Recall multiples of 7 in any order, including missing numbers and related division facts.	Recall of cubed numbers. Recall of square numbers. Prime number 0-50. Solve problems involving multiplication and division including using knowledge of factors, multiples, squares and cubes.	Solve problems involving the relative sizes of two quantities where missing values can be found by using integer multiplication and division facts – opportunities for halving (by using halving and halving again to divide by 4) and tripling strategies. Recognise mixed numbers and improper fractions and convert from one form to the other and write mathematical statements as a mixed number – reinforce tables facts.
Summer	Count in multiples of 10, 2 and 5 fluently.	Count in multiples of 3 to 12 x 3 in order from 0. Recall multiples of 2 up to 12x2 in any order, including missing numbers and related division facts fluently. Recall multiples of 5 up to 12x5 fluently and related division facts.	Recall multiples of 3 up to 12x3 in any order, including missing numbers and related division facts fluently. Recall multiples of 4 up to 12x4 in any order, including missing numbers and related division facts fluently. Recall multiples of 8 up to 12x8 in any order, including missing numbers and related division facts fluently.	Multiplication Tables Check.	Recall multiples from all times tables up to 12x12 in any order. Confident recall of square, cubed and prime numbers. Look for contexts which may lend themselves to consolidation of particular tables – e.g. x6 and conversion of time.	KS2 SATS.