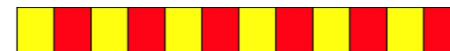**ESSA Primary Maths**

Progression for Teaching Oracy in Mathematics

To ensure our students are numerate, they are specifically taught these objectives to improve mathematical fluency using a counting stick for five to ten minutes each lesson.
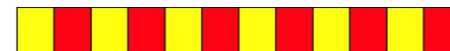
	To secure by the end of Autumn Term	To secure by the end of Spring Term	To secure by the end of Summer Term
Reception	Count objects, actions and sound. Recite numbers to 10. Subitise to 5. Link the number symbol (numeral) with its cardinal number value (1-5) Regularly review last term's objectives Occasionally review last year's objectives	Recites numbers to 10 (forwards & backwards). Recites numbers beyond 10 sometimes accurately. Count objects (within 10). Count on from any number (within 5) Regularly review last term's objectives Occasionally review last year's objectives	Recite numbers to 20. Recite numbers to 10 (forwards and backwards). Count objects (within 10). Count objects from a larger group (within 10). Count in ones to 10 (forwards and backwards). Count on from any number (within 10). Chant number bonds to 5 Regularly review last term's objectives Occasionally review last year's objectives

	To secure by the end of Autumn Term	To secure by the end of Spring Term	To secure by the end of Summer Term
Year 1	Count objects (within 10) Count objects from a larger group (within 10) Count in ones to 10 (forwards and backwards) Count in ones to 10 represented in words (forwards and backwards) Count on from any number (within 10) Count backwards from any number within 10 Chant number bonds to 10 Regularly review last term's objectives Occasionally review previous key stage's objectives	Count forwards and backwards within 20 Count from 20 to 50 Count in ones to 20 (forwards and backwards) Count by making groups of tens (within 50) Count in tens to 50 (forwards and backwards) Count in ones to 50 (forwards and backwards) Count on from any number within 20 Chant doubles Regularly review last term's objectives Occasionally review previous key stage's objectives	Count in twos (forwards and backwards) Count in fives (forwards and backwards) Count in tens to 100 (forwards and backwards) Chant doubles Count in ones from 50 to 100 (and back again) Count in ones to 100 (forwards and backwards) Count in 2s, 5s and 10s represented as coins Count in fives to 12x (forwards and backwards - time) Chant the days of the week (forwards and backwards) Chant the months of the year (forwards and backwards) Regularly review last term's objectives Occasionally review previous key stage's objectives
Year 2	Count in ones to 20 (forwards and backwards) Count objects to 100 by making 10s Count in tens to 100 (forwards and backwards) Count in ones to 100 (forwards and backwards) Count in twos (forwards and backwards) Count in fives (forwards and backwards) Count in threes (forwards and backwards) Chant number bonds to 10 Chant number bonds to 100 Regularly review last term's objectives Occasionally review previous year's objectives (Y1-2)	Count in 2s, 5s and 10s represented as coins and notes The two times table to 12x Chant doubles and halves Chant odd and even numbers to 20 The ten times table to 12x The five times table to 12x Count in 2s, 5s and 10s represented as °C Regularly review last term's objectives Occasionally review previous year's objectives (Y1-2)	Count in quarters to one whole Count in thirds to one whole Count in fives to 12x (forwards and backwards - time) The two times table to 12x The ten times table to 12x The five times table to 12x Chant minutes in an hour and hours in a day Regularly review last term's objectives Occasionally review previous year's objectives (Y1-2)

Progression for Teaching Oracy in Mathematics

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Year 3		
Count in tens to 100 (forwards and backwards) Count in hundreds to 1000 (forwards and backwards) 1/10/100 more or less Count in thousands to 10,000 (forwards and backwards) Count in 50s (forwards and backwards) Count forwards and backwards in numbers to 12 represented as Roman numeral Chant number bonds to 10 Count in ones across tens (forwards and backwards) Chant number bonds to 100 The two times table to 12x The ten times table to 12x The five times table to 12x The three times table to 12x The four times table to 12x The eight times table to 12x Regularly review last term's objectives Occasionally review last year's objectives	The ten times table to 12x Count in fractions with varying intervals to one whole The three times table to 12x The four times table to 12x The eight times table to 12x Regularly review last term's objectives Occasionally review last year's objectives	The 2, 3, 4, 5, 8 and 10 times tables up to 12x Count in fractions with varying intervals to one whole Count in groups of numbers represented as coins and notes Count forwards and backwards to 12 in numbers represented as Roman numerals Count in fives to 12x (forwards and backwards - time) Count in 2s, 5s and 10s (forwards and backwards - statistics) Chant conversions between m, cm and mm Chant conversions between kg and g Chant conversions for units of time Regularly review last term's objectives Occasionally review previous key stage's objectives

	To secure by the end of Autumn Term	**To secure by the end of Spring Term**	**To secure by the end of Summer Term**
Year 4	Find 1, 10, 100, 1,000 more or less Count in hundreds to 1000 (forwards and backwards) Count in thousands to 10,000 (forwards and backwards) 1/10/100/10,000/1000 more or less Count forwards and backwards in numbers represented as Roman numerals The 2, 3, 4, 5, 8 and 10 times tables up to 12x The six times table to 12x The nine times table to 12x The seven times table to 12x The eleven times table to 12x The twelve times table to 12x Regularly review last term's objectives Occasionally review last year's objectives	All times tables to 12x Count in fractions with varying intervals to one whole Count beyond 1 in fractions Count in fractions with mixed numbers Count in tenths as fractions to one whole Count in tenths as decimals to one whole Count in hundredths as fractions to one whole Count in hundredths as decimals to one whole Regularly review last term's objectives Occasionally review last year's objectives	All times tables to 12x Count in tenths to one whole Count in hundredths to one whole Count in halves and quarters as decimals to one whole Count in groups of numbers represented as coins and notes Count forwards and backwards to 12 in numbers represented as Roman numerals Count in fives to 12x (forwards and backwards - time) Count in 2s, 5s and 10s (forwards and backwards - statistics) Chant conversions for units of time Chant conversions for metric units Regularly review last term's objectives Occasionally review previous year's objectives (Y3-4)
Year 5	All times tables to 12x Count forwards and backwards in numbers represented as Roman numerals Count in thousands to 10,000 (forwards and backwards) Count in ten thousands to 100,000 (forwards and backwards) Count in hundred thousands to 1,000,000 (forwards and backwards) Count forwards and backwards in powers of 10 10/100/1,000/10,000/10,000/ 100,000 more or less Count in hundred thousands to 1,000,000 (forwards and backwards) Count in multiples of 2s, 3s, 4s, 5s, 6s. 7s. 8s, 9s, 10s, 11s and 12s Chant prime numbers Chant square numbers Regularly review last term's objectives Occasionally review last year's objectives	All times tables to 12x Count in tenths to one whole Count in hundredths to one whole Count in thousandths as fractions to one whole Count in thousandths as decimals to one whole Count in percentages as fractions to one whole Count in percentages as decimals to one whole Count in multiples (forwards and backwards - statistics) Regularly review last term's objectives Occasionally review last year's objectives	All times tables to 12x Count in multiples represented as °C through 0 (negative numbers) Chant conversions for units of time Chant conversions for metric units Regularly review last term's objectives Occasionally review previous year's objectives (Y3-5)

ESSA Primary Maths

Progression for Teaching Oracy in Mathematics

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| Year 6 | All times tables to 12x
Count in hundred thousands to 1,000,000 (forwards and backwards)
Count in millions to 10,000,000 (forwards and backwards)
Count forwards and backwards in powers of 10
Count through zero in 1s (negative numbers)
Count through zero in multiples (negative numbers)
Count in multiples of 2s, 3s, 4s, 5s, 6s. 7s. 8s, 9s, 10s, 11s and 12s
Chant prime numbers
Chant square numbers
Count beyond 1 in fractions
Count in fractions with mixed numbers
Chant conversions for units of time
Chant conversions for metric units
Regularly review last term's objectives
Occasionally review last year's objectives | All times tables to 12x
Count in fractions, decimals and percentages
Count in multiples (forwards and backwards - statistics)

Regularly review last term's objectives
Occasionally review last year's objectives | All times tables to 12x

Regularly the year's objectives
Occasionally review previous year's objectives (Y3-6) |