Learning Facts Progression - Number:

Blue = Non-Negotiable
Red = Top Target

Year Group	EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Number Bonds/ Complements	Addition and Subtraction Facts for numbers 1 to 5 (e.g. 2+1, 3+2, 5 – 3 etc.)	Instant recall of all number bonds to 10 (e.g. 6+4, 2+8) Practise recall of all number facts within 10 (e.g. 6+3, 9-7)	Instant recall of all number bonds to 20 (e.g. 6+14, 13+7) Instant recall of all number complements to 100 using multiples of 10 (e.g. 60+40) Practise recall of all number facts within 20 (E.g. 7+5, 13-8)	Pairs of 2-digit numbers with a total of 100 (E.g. 68+32) Complements to 1000 with multiples of 100 (E.g. 700+300) Instant recall of all number facts within 20 (E.g. Facts for 13 - 19)	Revise sums and differences of pairs of multiples of 10, 100 or 1000 (E.g. Complements to 1000 / 10,000 etc.)	Decimal complements to 1 – 2 d.p. (E.g. 0.76 + 0.24) Decimal complements to 10 – 1 d.p. (E.g. 6.2 + 3.8)	Decimal complements for all whole numbers to 10 – 2 d.p. (E.g. 7.26 + 0.74 = 8)
Additional Number Facts	One more / less than any 1-digit number	One more / less than any 2-digit number Ten more / less than any 2-digit number	What must be added to any 2-digit number to make the next multiple of 10 (E.g. 52 + ___ = 60)		What must be added to any 3-digit number to make the next multiple of 100 (E.g. 521 + ___ = 600)	What must be added to any four-digit number to make the next multiple of 1000 (E.g. 4087 + ___ = 5000) What must be added to a decimal with units and tenths to make the next whole number (E.g. 4.8 + ___ = 5)	
Doubles and Halves	Double 1 to double 5	All doubles and halves from double 1 to double 10 / half of 2 to half of 20	All doubles and halves from double 1 to double 20 / half of 2 to half of 40 (E.g. double 17=34, half of 28 = 14)	Doubles of all numbers to 100 with ones digits 5 or less, and corresponding halves (E.g. Double 43, double 72, half of 46) Reinforce doubles & halves of all multiples of 10 & 100 (E.g. double 3 800, half of 140)	Addition doubles of numbers 1 to 100 (E.g. 38 + 38, 76 + 76) and their corresponding halves Revise doubles of multiples of 10 and 100 and corresponding Doubles	Doubles and halves of decimals to 10 – 1 d.p. (E.g. double 3.4, half of 5.6)	Doubles and halves of decimals to 100 – 2 d.p. (E.g. double 18.45, half of 6.48)
Table Facts			Recall of 2, 5 and 10 times tables	Recall of 2, 3, 4, 5, 8, 10 and 11 times tables	Recall of multiplication facts to 12 x 12 and the corresponding division facts (i.e. 6, 7, 9 and 12 times tables)	Squares to 12 x 12 Multiples of 10 tables facts (E.g. 20 / 40 / 60 / 80 etc. tables)	Cubes to 10 x 10 x 10
Fractions, Decimals & Percentages				Reading any unit or non-unit fraction less than one (E.g. 1/7, 3/12, 4/9) Fraction / decimal equivalences for halves and tenths.	Pairs of fractions that total 1 Decimal complements to 1 – 1 d.p. (E.g. 0.3 + 0.7) Fraction and decimal equivalents of one-half, quarters, tenths and hundredths (E.g. 3/10 is 0.3, 3/100 is 0.03 and ¼ is 0.25)	Fraction, decimal and percentage equivalents of halves, quarters, tenths, hundredths, thirds and fifths (E.g. 3/10 is 0.3, 3/100 is 0.03 and ¼ is 0.25 Find instant fraction of numbers and amounts using tables knowledge (E.g. 1/9 of 63 = 7, 2/3 of 27 = 18, 5/6 of 24 = 20)	Equivalent fractions, decimals & percentages for a half, quarters, thirds, fifths, tenths, hundredths, sixths and eighths (plus ninths and elevenths if possible) Find instant percentages of numbers and amounts using tables knowledge (E.g. 70% of 40 = 28, 60% of 80 = 48, 75% of 32 = 24)
Properties of Number		Recognise odd and even numbers to 20	Recognise odd and even numbers to 100	Recognise any odd and even number	Factor pairs for known multiplication facts	Factor pairs for numbers to 100 Prime numbers to 20	Prime numbers up to 100 Prime factors of numbers to 100