



# Crompton Primary School

## School Learning Facts – Progression Document

Year Group	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
<b>Number Bond/ Complements</b>	Instant recall of ALL number pairs to 10 (e.g. 6+4)	Instant recall of all number pairs to 20 (e.g. 6+14)  Instant recall of all number pairs to 100 using multiples of 10 (e.g. 60+40 or 10+90)	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)	Revise sums and differences of pairs of multiples of 10, 100, 1000  Decimal complements to 1-1 decimal place (e.g. 0.3+0.7)	Decimal complements to 1 & 2 decimal places (E.g. 0.76+0.24)  Decimal complements to 10 for 1 decimal place (e.g. 6.2+3.8=10 and 4.2+4.8=8)	Decimal complements for all whole numbers to 10 for 1 and 2 d.p. (E.g. 7.26+0.74=8)
<b>Number Facts</b>	Addition facts for numbers 1-5 (e.g. 2+1 or 3+2 or 0+5)  One more / less than any 2-digit number  Ten more/ less than any 2-digit number	Number facts for all numbers to 12 (e.g. Facts for 6, 7, 8, 9, 10, 11 and 12)  What must be added to any 2-digit number to make the next multiple of 10. (e.g. 52+__=60)	Number facts for all numbers to 20 (e.g. facts for 13 to 19 - 10+3=13/ 14+ 5=19) & Commutative Law	What must be added to any three-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 ones and tenths to make the next whole number (E.g. 4.8 + __=5)	
<b>Doubles and Halves</b>	ALL doubles and halves from double 1 to double 10 and 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=24 / Half of 28=14)	Doubles of all numbers to 100 with 'ones' digit 5-0 and corresponding halves (e.g. double 43, double 72, half of 46)  Reinforce all doubles and halves of all multiples of 10, 100 (e.g. 800, half of 140)	Doubles and halves of decimals to 10 for 1 decimal place. (E.g. double 3.4, half of 5.6)	Doubles and halves of decimals to 10 for 1 decimal place. (E.g. double 3.4, half of 5.6)	Doubles and halves of decimals to 100 for 1 and 2 d.p (E.g. double 18.45, half of 6.48)
<b>Table Facts</b>		Instant recall table facts for 2, 5- and 10-times tables out of order.	Recall of 2, 3, 4, 5, 8, 10 and 11 timetables	Recall of all multiplication facts to 12 x 12 and then corresponding division facts (6, 7, 9- and 12-times tables)	Square numbers up to 12x12  Multiples of 10 facts using time tables facts (e.g. multiply by 20, 40, 60, 80 etc.)	Cube numbers to 12 x 12 x 12
<b>Fractions, Decimals &amp; Percentages</b>			Reading any unit or non-unit fraction less than one. (e.g. 1/7, 3, 12, 4/8)  Fraction/ decimal equivalences for halves (1/2 = 0.5) and tenths (1/10=0.1 & 5/10 = 0.5 etc.)	Pairs of fractions that total one 1/7 and 6/7)  Fraction and decimal equivalences of one half (1/2=0.5), quarters (1/4 =0.25, 2/4 = 0.5, ¼ = 0.75  Fraction and decimal equivalences for tenths and hundredths (e.g. 3/10=0.3, 3/100=0.03)	Fraction, decimal and percentage equivalents for halves, quarters, tenths, hundredths, thirds and fifths  Find instant fraction of amounts using times tables knowledge (e.g. 1/3 of 24 = 8 / 2/3 of 23= 16)	Equivalent fraction, decimal & percentages for a half, quarters, thirds, fifths, tenths, hundredths, sixths and eighths  Find instant percentages of numbers and amounts using times tables knowledge (e.g. 70% of 40 = 28, 75% of 32 = 24)
<b>Properties of numbers</b>	Recognise odd and even numbers to 20	Recognise odd and even numbers to 100	Recognise odd and even numbers within any 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.