

Mental Maths Objectives Autumn Term 2016

Children will be given a specific mental maths objective to work at each week. This could include anything from (for example) addition, finding the difference, times tables, telling the time and dividing by 10 etc.

Children will be tested on a specific objective at the end of each week on a Friday.

Test Date - Autumn A 2016	Year 3	Year 4
Friday 16 th September	Recognise place value in a 3 digit number e.g. 6 <u>2</u> 1 = 20	Recognise place value in a 4 digit number e.g. 65 <u>2</u> 1 Extend- decimals
Friday 23 rd September	3x table facts up to 12x including division facts	6x table facts up to 12x including division facts Extend- apply knowledge to multiples of 10 e.g 30 x 6
Friday 30 th September	10 more or ten less than a given whole number up to 250 e.g what is 10 less than 134	10 more or ten less than a given whole number up to 4 digits Extend- tenths more or less incorporating decimal numbers
Friday 7 th October	100 more or less than a given whole number up to 1000	100 more or less than a given whole number up to 10,000 Extend- hundredths more or less
Friday 14 th October	Count on in 4s from 0 to 48. For example what is 4 more than 16	Count up in 6s from 0-72. For example what is 6 more than 36 Extend- Count on and back in 60s/600s
Friday 21 st October	Adding 9 to a two-digit number (add 10 and subtract 1)	Adding 9 to a 3 digit number- (add 10 and subtract 1) Extend- add 90 to a number. (add 100 and subtract 10)

Test Date - Autumn B 2016		
Friday 4 th November	Subtracting 9 from a two-digit number (subtract 10 and add 1)	Subtracting 9 from a two-digit number (subtract 10 and add 1) Extend - subtract 90 from a number (subtract 100 and add 10)
Friday 11 th November	Multiplying whole 1 and 2 digit numbers by 10- e.g. 28×10	Multiplying whole 2 and 3 digit numbers by 10 e.g. 312×10 Extend- decimals $\times 10$
Friday 18 th November	Multiplying whole 1 and 2 digit numbers by 100- e.g. 28×10	Multiplying whole 2 and 3 digit numbers by 100 e.g. 312×10 Extend- decimals $\times 100$
Friday 25 th November	Practise being given a three digit number orally and the children write it down in figures (up to 500) e.g. "Write down one hundred and twenty six in figures = 126	Practise being given a three digit number orally and the children write it down in figures (up to 2000) e.g. "Write down one hundred and twenty six in figures = 126
Friday 2 nd December	Doubling and halving whole numbers to 50- e.g half of 18 is	Doubling and halving whole numbers to 100- e.g half of 18 is Extend to 1000
Friday 9 th December	Units of time - days in a week, months in a year, minutes in an hour, hours in a day, order of months, number of days in a month,	As year 3 but also minutes in \times number of hours, minutes in half an hour, $\frac{1}{4}$ of an hour, $\frac{3}{4}$ of an hour, days in a fortnight. Extend - half an hour/ quarter of an hour earlier or later than a given time
Friday 16 th December	Units of measure eg cm in a m, m in a km, ml in l,	Units of measure eg cm in a m, m in a km, ml in l, $\frac{1}{2}$ a metre, $\frac{1}{2}$ a litre, $\frac{1}{2}$ a kg, $\frac{1}{4}$ of each unit, mm in cm etc and applying calculating mm in 5 cm etc