



Thomson House School

Maths Medium Term Guide

Year 4

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn	Place Value and Counting <ul style="list-style-type: none"> Count in multiples of 6, 7, 9, 25 and 1000 Recognise the place value of each digit in a three-digit number. Compare and order numbers up to 1000. Read and write numbers up to 1000 in numerals and in words. Identify, represent and estimate numbers using different representations including measures. Recognise the place value of each digit in four-digit number. Order and compare numbers beyond 1000. Find 1000 more or less than a given number. Round any number to the nearest 10, 100 and 1000. Count backwards through zero to include negative numbers. Solve number and practical problems (throughout) 			Addition and Subtraction <ul style="list-style-type: none"> I can estimate the answer to addition and subtraction questions. Estimate and use inverse operations to check answers to a calculation. I can mentally add and subtract to bridge 100 and 1000. I can fluently use mental strategies when appropriate. I can identify the relationship between addition and subtraction. Add numbers with up to four digits using the formal method of columnar addition. Subtract numbers with up to four digits using the formal method of columnar subtraction. Estimate and use inverse operations to check answers to a calculation. Solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why (throughout). 					Multiplication and Division <ul style="list-style-type: none"> Find the effect of dividing a one- or two-digit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths. Use place value, known and derived facts to multiply and divide mentally, including; Recall multiplication and division facts for multiplication tables up to 12 x 12. Recognise and use factor pairs and commutativity in mental calculations. Multiply three numbers. 			
Spring	Multiplication and Division <ul style="list-style-type: none"> Relate multiplication to arrays. Multiply two-digit and three-digit numbers by a one digit number using formal written layout. Can divide using written method. 			Measurement <ul style="list-style-type: none"> Convert between different units of measure e.g. 	Fractions <ul style="list-style-type: none"> Recognise and show, using diagrams, families of common equivalent fractions. Count up and down in hundredths; recognise that hundredths arise when dividing 		TIME <ul style="list-style-type: none"> Read, write and convert time between analogue and digital 12- and 24-hour clocks. -Solve problems involving converting from hours to 			Money <ul style="list-style-type: none"> Estimate, compare and calculate different measures, 		

	<ul style="list-style-type: none"> Solve integer scaling problems in which n objects are connected to me objects. Find the area of rectilinear shapes by counting squares 	<p>kilometre to metre; hour to minute.</p> <ul style="list-style-type: none"> Measure and calculate the perimeter of a rectilinear figure in centimetres and metres (use + and – strategies) 	<p>an object by one hundred and dividing tenths by ten.</p> <ul style="list-style-type: none"> Add and subtract fractions with the same denominator. Recognise and write decimal equivalents of any number of tenths or hundredths. Recognise and write decimal equivalents to $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$. Round decimals with one decimal place to the nearest whole number. Compare numbers with the same number of decimal places up to two decimal places. Solve simple measure and money problems involving fractions and decimals to two decimal places. 	<p>minutes; minutes to seconds; years to months; weeks to days</p>	<p>including money in pounds and pence.</p> <ul style="list-style-type: none"> Solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why. 	
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Maths meetings used throughout the year when necessary to consolidate place value, counting and fluency of mental maths skills:

- Find 10 or 100 more or less than a given number up to 1000.
- Count in multiples of 6, 7, 9, 25 and 1000.
- Read Roman Numerals to 100.