

Week	Objectives	Small Learning Steps
1	Four rules linked to statistics. <ul style="list-style-type: none"> Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs. Solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables, and other graphs. 	<ul style="list-style-type: none"> Read and interpret scales for graphs and charts – scales in 1000s, 500s, other multiples. Read and interpret pictograms with range of values. One and two step word problems linked to the above. Read a table of information and solve addition and subtraction questions using the information.
2	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 minutes; minutes to seconds; years to months; weeks to days. 	<ul style="list-style-type: none"> Count in 60s and link to seconds and minutes, minutes to hours etc Count in 7s and link to weeks. Count in 12s and link months to years Revisit conversion of 12 hour and 24-hour clock Read a timetable for 12/24 -hour clock and find difference between times. Word problems linked to time – use a number line for modelling.
3	Addition and Subtraction <ul style="list-style-type: none"> Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate. 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.	<ul style="list-style-type: none"> Revisit number families for 3 digit + 4-digit, 4 digit + 4 digit Subtraction with the above Empty boxes for addition and subtraction Balancing equations for addition and subtraction Inverse operations and checking and estimating Word problems – multi step linked to measures
4	Multiplication and Division <ul style="list-style-type: none"> Recall multiplication and division facts for multiplication tables up to 12×12 Use place value, known and derived facts to multiply and divide mentally, including multiplying by 0 and 1; dividing by 1; multiplying together three numbers. Recognise and use factor pairs and commutativity in mental calculations. Multiply two-digit and three-digit numbers by a one-digit number using formal written layout. Solve problems involving multiplying and adding, including using the distributive law to multiply two-digit numbers by one digit, integer scaling problems and harder correspondence problems such as n objects are connected to m objects. 	<ul style="list-style-type: none"> Know all timetables to 12×12 and division facts, commutativity. Revisit factor pairs and commutativity in mental calculations. Revisit $\times 3$ single digit numbers, \times by 1 and by 0. Multiply two-digit and three-digit numbers by a one-digit number using formal written layout. Word problems in range of contexts for above. Division of a 3-digit number by 1 digit (include remainders) Word problems in range of contexts for above. Word problems that use both multiplication n and division in range of contexts for above.
5	Mass, Volume and Capacity <ul style="list-style-type: none"> Convert between different units of measure [for example, kilometre to metre; hour to minute] Count up and down in hundredths; recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten. Solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number. 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. 	<ul style="list-style-type: none"> Reading scales linked to mass, volume and capacity – ml, litres, kg and g Conversion of units for mass, volume, capacity Read decimal scales linked to above. Estimate, compare and order linked to above. Rounding mass, volume and capacities to nearest 10, 100, 1000, 1 dec place, whole number Solve simple measure problems involving fractions and decimals to two decimal places.