

Week	Objectives	Small Learning Steps
1	<p>Four rules linked to statistics</p> <ul style="list-style-type: none"> Interpret and present data using bar charts, pictograms, and tables. Solve one-step and two-step questions [for example, 'How many more?' and 'How many fewer?'] using information presented in scaled bar charts and pictograms and tables. 	<ul style="list-style-type: none"> Read and interpret scales for graphs and charts – scales in 100,25s,50s, 1000s. Read and interpret pictograms in scales on 100,25s,50s,1000s,3s,4s,8s. 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	<p>Time</p> <ul style="list-style-type: none"> Tell and write the time from an analogue clock, 12-hour and 24-hour clocks. Estimate and read time with increasing accuracy to the nearest minute; record and compare time in terms of seconds, minutes and hours; use vocabulary such as o'clock, a.m./p.m., morning, afternoon, noon and midnight. Know the number of seconds in a minute and the number of days in each month, year and leap year. Compare durations of events [for example to calculate the time taken by particular events or tasks]. 	<ul style="list-style-type: none"> Count in 6s and 60s and link to seconds and minutes Count in 12s and link to months in year. Count in 7s and link to weeks. Revisit reading of 12 hour and 24-hour clock and conversion between. Read a timetable for 12-hour clock and find difference between times. As above with 24 Hour clock Word problems linked to time – use a number line for modelling.
3	<p>Addition and Subtraction</p> <ul style="list-style-type: none"> Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction. Estimate the answer to a calculation and use inverse operations to check answers. Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction. 	<ul style="list-style-type: none"> Revisit number families for 3 digit + 3 digit Empty boxes Inverse operations Word problems – multi step linked to measures
4	<p>Multiplication and Division</p> <ul style="list-style-type: none"> Write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods Solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which n objects are connected to m objects 	<ul style="list-style-type: none"> Check secure with 2,3,4,5,8,10 times tables. Check secure with 6- and 9-times tables. Check above division facts. 1 x 2-digit multiplication using know facts to solve problems. 2 digit by 1 digit division using know facts including remainders. Word problems with division all contexts Multi step problems using both operations.
5	<p>Mass, Volume and Capacity</p> <ul style="list-style-type: none"> Measure, compare, add and subtract lengths (m/cm/mm); mass (kg/g); volume/capacity 	<ul style="list-style-type: none"> Read a range of scales link to times tables, 100 more/less, 1000 more/less etc. Conversion of measures Compare and order mass, volume, and capacity. Round to nearest 10 using number lines. Problem solve with mass and volume – practical as well as written problems.