Maths Medium Term

Year: 2   **Term: Spring**   **Teacher: Miss Ricketts/ Mrs Kelleher**

Week	Topic	Objectives
Week 1	Time	Use units of time (minutes, hours, days) and know the relationships between them. Begin to know the number of minutes in an hour and the number of hours in a day. Read the time o'clock and half past, and then quarter past and quarter to. Draw hands on an analogue clock face to show o'clock and half past, and then quarter past and quarter to.
Week 2	Number and place value	Identify and estimate numbers using different representations, including on a number line. Partition two digit numbers (up to at least 50) into tens and units. Order numbers 0-100 and explain reasoning.
Week 3	Addition	Recall addition and subtraction facts for numbers 11-20 , including missing number problems Add a two-digit number and a ones numbers or a two-digit number and tens using concrete objects and pictorial representations *(including crossing the tens boundary)* Add three *or more* one-digit numbers mentally or by using object or pictures*(including crossing the tens boundary).* Use inverse to check the answers to calculations
Week 4	Subtraction	Recall addition and subtraction facts for numbers 11-20 , including missing number problems Subtract ones from a two-digit number numbers or tens from a two-digit number using concrete objects and pictorial representations *(including crossing the tens boundary)* Use inverse to check answers to calculations
Week 5	Measures: Money to solve problems	Find combinations of coins to make a value within 50p Find different combinations of silver coins to make amounts e.g. 50p Add a two-digit number and a ones numbers of pence or a two-digit number and a tens number of pence using coins and/or pictorial representations *(including crossing the tens boundary)* Subtract ones from a two-digit number of pence or tens from a two-digit number of pence using coins and /or pictorial representations *(including crossing the tens boundary)* Add three *or more* one-digit numbers of pence mentally or by using object or pictures*(including crossing the tens boundary)*

Week 6	Measures: Mass	Work practically with mass /weight Understand how to use weighing scales to measure/weight accurately Understand how to read a simple scale on weighing scales Estimate and measure using standard units i.e. 100 g and 1 kg Compare and order mass and record the results using >, < and =.
Week 7	Fractions	Count forwards and backwards in halves and /or quarters to 10 Recognise and practically find and name ½, ¼ and ¾ of a length, shape, number or quantity Begin to understand and use the terms numerator and denominator. Understand that the larger the denominator is the more pieces it is split into and therefore the smaller each part will be.
Week 8	Multiplication and division	Recall multiplication and division facts for 2 x, 5x and 10 x tables Calculate multiplication number sentences for 2x ,5x and 10x *(using repeated addition)using manipulatives* Record multiplication number sentences for 2x, 5x and 10x tables using x and = Calculate division number sentences for 2x ,5x and 10x *(using repeated addition)using manipulatives* Record division number sentences for 2x and 10x tables using ÷ and = Use inverse to check the answers to calculations
Week 9	Shape, position and direction	Identify and describe the properties of 2-D shapes, including the number of sides and angles Identify and describe the properties of 2-D shapes, including reflectional symmetry Arrange 2D shapes in patterns and/or sequences. Use mathematical vocabulary to describe position, direction and movement, including movement in a straight line and as *turning*.
Week 10	Statistics to solve problems	Construct simple pictograms, tally charts , diagrams and tables 1:1 Ask and answer simple questions involving totalling and comparing Solve problems involving statistics
Week 11	Time	Compare and sequence times Tell the time -o'clock , half past , quarter to and quarter past Draw hands on a clock face to show given times Begin to know the number of minutes in an hour and the number of hours in a day.