Maths Medium Term Plan: Year 1   Autumn – second half (Term 1b)

Wk	Topics	Objectives	Resources
1	number - ten and ones, subtraction	• I can begin to recognise the ten & ones in a 'teen' number. I will read & write numerals to 20. • I can begin to recognise the ten & ones in a 'teen' number. • I can take-away by counting back, using a numberline. • Understand subtraction as counting back • Use the '-' sign • I can take-away by counting back, using a numberline. • I can take-away by counting back, using a number line.	Large number grid 1-100, large floor track 0-10, spider, teddy, cubes, number cards 1-30, large number line 1-20, number lines 0-10, soft rabbit toy (or paper rabbit), number cards 1-20, real, play & large demo coins (1p, 10p), priced classroom objects 10p-19p, dice (1-6) & (1,1,2,2,3,3), counters, w/bs
2	number – number bonds to 5 (addition), addition – adding 10, repeated addition	• Begin to recognise and name 0/zero • I will learn addition facts for 5. • I can use repeated addition to work out multiples of 2 • I will use my adding facts for 5 to make take-away sums. • I can add 10 to a 1-digit number (not counting in ones). • I can add 10 to a 1-digit number (not counting in ones). • Develop the concept of buying & selling using coins • Choose and use appropriate number operations and mental strategies to solve problems	Large number grid 1-100, spider, blank cards, sets of 1-20 number cards, string, red & blue beads, w/bs, '+' '-' '=' cards, teddy, real, play & demo coins (1p, 2p, 5p, 10p), glue spatulas, classroom objs & toys, large paper number track 1-20, 2 small paper rings, dice (1-6) & one with '6s' covered, counters, number grids 1-20 & 1-30, priced objects (1p-9p), price cards (1p-9p), Post-its®

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3	measurement - money Number – number bonds to 10	• I will know about 1p, 2p, 5p & 10p coins. I can add sets of coins. Recognise the relationship between 1p, 2p, 5p and 10p coins • I can work out how to pay for items (costing up to 10p). • I will know pairs of numbers which add up to 10. • I will know which coins to use to make 10. Add sets of coins • Recognise amounts of money which total 10p • Work out how to pay for items (costing up to 10p) • I will know pairs of numbers which add up to 10.	Real, play & large demo coins (1p, 2p, 5p, 10p, 20p), price cards (1p-10p), saucers, classroom objs priced 1p-12p, feely bags, number cards 0-20, large & small number lines 0-10, cubes (2 diff colours), blank domino cards, dice, 32-space no track, counters
4	Measurement - time	• I can tell the o'clock times on an analogue clock. I can use the vocabulary related to time. • I can tell the o'clock times on an analogue clock. I can use the vocabulary related to time. • I can tell the o'clock and half-past times on an analogue clock. I can use the vocabulary related to time. • I can tell the o'clock and half-past times on an analogue clock. I can use the vocabulary related to time • Use the vocabulary related to time	Large analogue clock face with moveable hands, small geared analogue clocks, large number grid 1-100, spider, blank clock faces, number cards 1-12, blank card circles, long & short clock hands, split pins, cubes, TV schedules
5	Measurement- Money - sorting	• I will sort items into groups. Begin to sort objects using Venn diagrams for two distinct categories • I will sort objects into groups. • I will sort numbers into groups. Begin to sort numbers using Venn diagrams for two distinct categories • I will sort numbers into groups. • I will sort coins into groups. • Investigate a general statement about familiar numbers by finding examples that satisfy it	2 large hoops, small hoops, large paper or string rectangle, card, feely bags, number cards 1-30, large number line 1-20, red/yellow/blue classroom objs, 2-d shapes, large number grid 1-100, red/blue/yellow cubes, playing cards, Attribute blocks, e.g. Logiblocs, dominoes, teddy, sets of books of different sizes with numbered pages, circles pre-labelled 'more than 6p'/'less than 6p'; 'more than 11p'/'less than 11p', real & play coins (1p, 2p, 5p, 10p, 20p, 50p, £1, £2

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6	**Measurement-** Inverse Money –change, add coins, count coins in 2's, fractions	• I will recognise ½ s of shapes. • I will recognise ½ of an amount of objects • I will recognise ¼ of shapes • I will find ¼ of an amount of objects. • Recognise and find one half and one quarter of shapes and begin to recognise one half and one quarter of a small numbers of objects • I can begin to recognise the ten & ones in a 'teen' number.	Shapes cut out from card, A – sheet B & C-Shapes Coloured paper, sweets ore objects such as multilink cubes to share, 2d shapes, tens and ones dienes, shapes resource sheet, scissors, glue, exercise books, PC programme Mathsbase and Mathsphere, number cards and cubes, large no grid, cubes, no cards 1-20, sorting circles, Post-its®,1p coins., IPM tens and units cards
7	**Number** – subtraction **Measurement-** Money – change, adding coins, counting coins in 2's	• I can make take-away sums from adding sums. • I will give change from 10p by taking away. • I will give change from 10p by taking away. • I will add coins, up to the value of 10p, by counting on. • I can count in 2's using 2p coins. • Count in steps of one and two • Understand the operation of addition and subtraction • Rehearse recognition of addition pairs that total 5 & 10 • Solve simple money problems • Recognise coins of different values	Number bonds for 10 sheet, exercise books, hearts Cubes, PC programme Mathsphere and Education City, objects priced up to 9p, Coins, Whiteboards, money snap game, purse sheet, coins sheet, 2p coins, Even no cards to 10