Maths Medium Term plan – Autumn 1 Year 3/4

Driver: History Main learning Challenge: Who stole the happy endings?

	Week 1 Mission Week	**Week 2** Who stole all the endings?	**Week 3**	**Week 4** Would you live in a gingerbread house?	**Week 5**	**Week 6** Who's afraid of the big bad wolf?	**Week 7**
Maths Learning Challenge	Mission Week	addition Y3- Can you add 2d numbers using formal/informal methods? Y4- Can you add numbers with up to 4 digits using formal written methods where appropriate?	subtraction Y3- Can you subtract 2d numbers using formal/informal methods? Y4- Can you subtract numbers with up to 4 digits using formal written methods where appropriate?	money Y3- Can you add/subtract amounts of money to give change? Y4- Can you estimate, compare and calculate different measures including money in pounds and pence?	multiplication Y3- Can you multiply 2d by 1d using informal methods? Y4- Can you multiply 2d by 1d using formal methods?	time Y3- Can you tell and write the time from an analogue clock? Y4- Can you read, write and convert between analogue and digital (12 hour)?	fractions Y3- Can you compare and order unit fractions, and fractions with the same denominator? Y4- Can you recognise and show using diagrams families of common equivalent fractions?
Basic Skills Focus	Mission Week	Y3- x3 multiples of 3 recognise place value of 3d number 1 more than 3d informal methods formal method Y4- x 6 recognise place value of 4d number 100 more/less informal methods new formal methods (expanded)	Y3- x3 factors recognise place value of 3d number counting in tens forwards and backwards 10 more/less formal/ informal method Y4- x 6 negative numbers- counting forwards/ backwards through	Y3- x 3 coin recognition read/write amounts of money decimal places number bonds to 10/100 finding 10 less giving change (addition and subtraction) Y4- x 6 factors/ multiples 1000 more/ less recap money- decimal	Y3- x 3 division facts place value partitioning formal method for multiplication Y4- x 6 division facts place value Use place value, known and derived facts to multiply and divide mentally, including:	y3- x 3 derived facts multiples of 5 (time to the next hour) time vocab- am/pm, morning, afternoon, noon, midnight, o'clock seconds in a minute telling the time writing the time y4- x 6 x 60 multiples of 60	Y3- x 3 multiple of 100 count up and down in tenths fraction walls unit fractions- order fractions with the same denominator- order Y4- x 6 derived facts recap fractions/ vocabulary

Maths Medium Term plan – Autumn 1 Year 3/4

			zero informal/ formal methods	place, pence, pounds adding amounts of money comparing money- finding the difference	multiplying by 0 and 1; dividing by 1; recap informal methods introduce new formal methods	add/subtract 12 recap analogue telling of the time 24 hour digit clock converting between	finding equivalents (fraction wall) fraction families finding equivalents without fraction wall
Number	Mission Week	Y3- 3d + 1d mentally Y4- Recognise the place value of each digit in a four-digit number	Y3- find ten more y4- count backwards through zero to include negative numbers	y3- find 10 less Y4- Find 1000 more or less than a given number	y3- place value in 3d number Y4- Use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1;	y3- Read and write (words and numerals) numbers up to 1000 y4- Count in multiples of 6 and 1000	Y3- multiples of 100 Y4- decimal equivalent to $\frac{1}{2}$
Calculation	Mission Week	addition	subtraction	addition and subtraction	4 operations	multiplication	4 operations
Shape and Measure		money/ measures		time measures		shape-playdough with fractions	
Problem solving	Mission Week	concept cartoon		complete the pattern		Brain academy	
Generalising **Reasoning**	Mission Week	problem solving/ reasoning books NRICH		always/sometimes/never NRICH		spot the mistakes NRICH	
Key Vocabulary		addition, subtract, take away, minus, add, more, make, altogether, total, equals, double, most, number line		multiply, divide, share, repeated addition, lots of, array, altogether, groups of, share equally.		time, clock, minutes, hours, seconds, money, pounds, pence, days, years, months, half past, quarter past.	
Wider curriculum opportunities/links	Data collection on mission statement ideas	Add/ subtract prices of new books for new reading corners	Find out how many books have been lost	Run Hansel and Gretel's Sweet shop	Work out costings for more than one sweet shop. Lots of.	What is the time Mr Wolf? Make and play your own game	Share out fairy stories to the different classes
Pre teaching	calculations		coin recognition	time- o clock, quarter past, half past		fractions- $\frac{1}{2}$, $\frac{1}{4}$, 2/4, 1/3	

Maths Medium Term plan – Autumn 1 Year 3/4