



Week commencing	Area to be studied	Main Learning intentions	Objectives to revisit from Year 4	Links to emergency home learning (Oak Academy)
Ongoing	<p>Mental Maths Objectives (objectives will change subject to assessment of children's needs- child led learning)</p>	<ul style="list-style-type: none"> To add and subtract whole numbers with more than 4 digits, including using efficient written methods (column addition and subtraction). To add and subtract numbers mentally with increasingly large numbers. To use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy. 		
<p>Week 1, 2 & 3</p> <p>7.9.20 and 14.9.20 and 21.9.20</p>	<p>Place value ordering and rounding</p> <p>Solving problems involving larger numbers</p> <p>DfE Ready to progress Criteria</p> <p>5NPV-1</p>	<p>BASELINE MATHS TEST TO BE COMPLETED</p> <ul style="list-style-type: none"> Read, write, order and compare number to at least 1 000 000 and determine the value of each digit 5NPV-1 count forwards or backwards in steps of powers of 10 for any given number up to 1 000 000 5NPV-2 interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through zero round any number up to 1 000 000 to the nearest 10, 100, 1000, 10 000 and 100 000 solve number problems and practical problems that involve all of the above read Roman numerals to 1000 (M) and recognise years written in Roman numerals. Solve number problems and practical problems that involve all of the above. 5NPV-3 	<ul style="list-style-type: none"> solve number and practical problems that involve all of the above and with increasingly large positive numbers round any number to the nearest 10, 100 or 1000 <p>4NPV-1 4NPV-2 4NPV-3 4NPV-4</p>	<ol style="list-style-type: none"> https://classroom.thenational.academy/lessons/identifying-the-place-value-of-digits-in-5-digit-numbers-cgwkct https://classroom.thenational.academy/lessons/comparing-5-digit-numbers-cnkh6c https://classroom.thenational.academy/lessons/ordering-and-comparing-5-digit-numbers-using-a-number-line-c4r62c https://classroom.thenational.academy/lessons/rounding-5-digit-numbers-to-the-nearest-10-000-and-1000-chgk2r https://classroom.thenational.academy/lessons/rounding-5-digit-numbers-to-the-nearest-100-1000-and-10-000-6hgk2d https://classroom.thenational.academy/lessons/identifying-the-place-value-of-the-digits-in-6-digit-numbers-6hh62c https://classroom.thenational.academy/lessons/ordering-and-comparing-6-digit-numbers-6hh62c https://classroom.thenational.academy/lessons/rounding-6-digit-numbers-to-the-nearest-100-000-and-10-000-6nhpcd https://classroom.thenational.academy/lessons/rounding-6-digit-numbers-to-the-nearest-1000-10-000-and-100-000-65gked https://classroom.thenational.academy/lessons/solving-problems-involving-place-value-and-rounding-c9k66d https://classroom.thenational.academy/lessons/investigating-roman-numerals-up-to-100-6guk8c https://classroom.thenational.academy/lessons/solving-problems-involving-roman-numerals-6gt36d

Week 4
& 5

**Number: Addition
and Subtraction**

28.9.20
and
5.10.20

- Add and subtract whole numbers with more than 4 digits, including using formal written methods (column addition and subtraction)
- Add and subtract numbers mentally with increasingly large numbers e.g. $12,462 - 2,300 = 10,162$
- Use rounding to check answers to calculations and levels of accuracy
- Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why. **5NF-2**

- *solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why*
- *estimate and use inverse operations to check answers to a calculation*

3AS-3

1. <https://classroom.thenational.academy/lessons/using-and-explaining-addition-strategies-60t6ce>
2. <https://classroom.thenational.academy/lessons/using-and-explaining-addition-and-subtraction-strategies-6hk38c>
3. <https://classroom.thenational.academy/lessons/adding-and-subtracting-using-multiples-of-10-100-1000-10-000-and-100-000-60upcc>
4. <https://classroom.thenational.academy/lessons/adding-and-subtracting-using-the-round-and-adjust-strategy-chk64e>
5. <https://classroom.thenational.academy/lessons/adding-and-subtracting-using-partitioning-61h3cd>
6. <https://classroom.thenational.academy/lessons/rounding-to-estimate-ccr62d>
7. <https://classroom.thenational.academy/lessons/adding-using-the-column-method-6wt64c>
8. <https://classroom.thenational.academy/lessons/subtracting-using-the-column-method-6xj32d>
9. <https://classroom.thenational.academy/lessons/problem-solving-using-the-column-method-c8up6c>
10. <https://classroom.thenational.academy/lessons/solving-multi-step-addition-and-subtraction-problems-ctk66d>

<p>Week 6 12.10.20</p>	<p><i>Statistics</i></p>	<ul style="list-style-type: none"> • Complete, read and interpret information in tables, including timetables • Solve comparison, sum and difference problems using information presented in a line graph. 	<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 • Hours, minutes and seconds. • Years, months, weeks and days. • Analogue to digital 12 hour. • Analogue to digital 24 hour. 	<ol style="list-style-type: none"> 1. https://classroom.thenational.academy/essons/interpreting-line-graphs-cmr3ec 2. https://classroom.thenational.academy/essons/reading-and-interpreting-line-graphs-cgktd 3. https://classroom.thenational.academy/essons/reading-scales-on-a-line-graph-6wuk0t 4. https://classroom.thenational.academy/essons/tables-and-line-graphs-6xgk0t 5. https://classroom.thenational.academy/essons/constructing-a-line-graph-6gv38r
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