Week commencing	Area to be studied	Main Learning intentions	Objectives to revisit from Year 4	Links to emergency home learning (Oak Academy)
Ongoing	Mental Maths Objectives (objectives will change subject to assessment of children's needs-child led learning)	• 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		
Week 1, 2 & 3 2.11.20 and 9.11.20 and 16.11.20	Multiplication and Division DfE Ready to progress Criteria	• Identify multiples and factors including finding factor pairs of a umber, and common factors of two numbers • Know and use the vocabulary of prime numbers, prime factors and com[osite numbers. • Establish whether a number up to 100 us prime and recall prime numbers up to 19 • Multiply numbers up to 4 digits by a 1- or 2-digit numbers using a formal written method. • Multiply and divide numbers mentally drawing on known facts • Divide numbers up to 4 digits by a 1-digit number using the formal written method of short division. • Multiply and divide whole numbers and those involving decimals by 10, 100 or 1000. • Recognise and use square and cubed numbers, and the notation for squared and cubed. • Solve problems involving multiplication and division including using their knowledge of factors, multiples, squares and cubes • Solve problems involving addition and subtraction, multiplication and division and a combination of these, including understanding the equals sign.	solve problems involving multiplying and adding, including using the distributive law to multiply two digit numbers by one digit, integer scaling problems and harder correspondence problems such as n objects are connected to m objects	1. https://classroom.thenational.academy/lessons/multiples-and-factors-6gr32d 2. https://classroom.thenational.academy/lessons/factor-pairs-61k3cd 3. https://classroom.thenational.academy/lessons/prime-numbers-65j38e 4. https://classroom.thenational.academy/lessons/factor-and-multiple-chains-6gvp6c 5. https://classroom.thenational.academy/lessons/multiplying-and-dividing-by-10-100-1000-64t68e 6. https://classroom.thenational.academy/lessons/doubling-and-halving-strategies-65hpac 7. https://classroom.thenational.academy/lessons/using-derived-facts-to-multiply-mentally-69j3ct 8. https://classroom.thenational.academy/lessons/calculating-flexibly-c8up2d 9. https://classroom.thenational.academy/lessons/short-multiplication-c8v64c 10. https://classroom.thenational.academy/lessons/long-multiplication-68u38t 11. https://classroom.thenational.academy/lessons/using-factors-to-multiply-6wtp4r 12. https://classroom.thenational.academy/lessons/using-multiples-to-divide-6cw3gd 13. https://classroom.thenational.academy/lessons/short-division-6gt64d 14. https://classroom.thenational.academy/lessons/division-with-remainders-ccwk6r 15. https://classroom.thenational.academy/lessons/consolidation-and-review-ccr62t

| Week 4 & 5

23.11.20
&
30.11.20 | Measurement: Area and Perimeter | • Calculate area and perimeter
• Calculate the area of rectilinear shapes
• Calculate and compare the area of rectangles (including squares), and including using standard units, square centimetres (cm2) and square metres (m2) and estimate the area of irregular shapes.
• Compare and classify 2D shapes
• Compare and classify quadrilaterals
• Recognise and name different types of triangles
• Identify lines of symmetry in 2D shapes | Compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes
Identify acute and obtuse angles and compare and order angles up to two right angles by size
Identify lines of symmetry in 2-D shapes presented in different orientations complete a simple symmetric figure with respect to a specific line of symmetry | 1. https://classroom.thenational.academy/lessons/calculate-and-measure-perimeter-crv36r
2. https://classroom.thenational.academy/lessons/calculate-the-area-of-rectangles-cgupcc
3. https://classroom.thenational.academy/lessons/calculate-the-area-of-rectilinear-shapes-6mr3ar
4. https://classroom.thenational.academy/lessons/compare-the-area-and-perimeter-of-rectangles-crrp2d
5. https://classroom.thenational.academy/lessons/calculate-the-area-of-non-rectilinear-shapes-chh38d
6. https://classroom.thenational.academy/lessons/comparing-and-classifying-2-d-shapes-64r34c
7. https://classroom.thenational.academy/lessons/comparing-and-classifying-quadrilaterals-ctj64c
8. https://classroom.thenational.academy/lessons/comparing-and-classifying-right-angled-triangles-and-equilateral-triangles-74r62e
9. https://classroom.thenational.academy/lessons/comparing-and-classifying-isosceles-and-scalene-triangles-c4v3jd
10. https://classroom.thenational.academy/lessons/identifying-lines-of-symmetry-in-2d-shapes-64u6ce |

Week 6 7.12.20 (RE WOW Week)	Measurement: Telling the time	• read, write and convert time between analogue and digital 12- and 24-hour clocks • solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days		1. https://classroom.thenational.academy/lessons/reading-timetables-6wwkgt 2. https://classroom.thenational.academy/lessons/calculating-time-intervals-on-timetables-c4w64c 3. https://classroom.thenational.academy/lessons/timetables-questions-60rkar 4. https://classroom.thenational.academy/lessons/consolidation-and-review-6cvkjd