Maths Remote Learning Autumn 2020 – Year 4

Area	Resources
Times Tables	Year 4 times tables test sheet Term 1.1 and Term 1.2 TT Rockstars - https://ttrockstars.com/ Linked to the 2, 5, 10, 3, 6, 7 and 9 times tables recapped/taught in Autumn Term.
Maths	
Place Value	• Represent numbers to 1,000 • 1000s, 100s, 10s and 1s, • Number lines to 10,000 • Round to the nearest 10 and 100 • Count in 1000's • Partitioning • Finding 1, 10, 100 and 1000 less • Compare Numbers
	Place Value PPT Additional worksheets linked to Place Value PPT. Link to counting in 1000's https://www.youtube.com/watch?v=9w4FkUVMYzU&list=PLmj-pV6AXvgAaG3Y97qjMq_BhaQKSwg8v&index=3 BBC Bitesize 'Place Value' lesson https://www.bbc.co.uk/bitesize/articles/zhnrcqt BBC Bitesize 'Finding 1000 more/less' lesson https://www.bbc.co.uk/bitesize/articles/zd9hpg8 BBC Bitesize 'rounding to the nearest 10, 100 and 1000' lesson https://www.bbc.co.uk/bitesize/articles/zjf492p Partitioning game https://www.topmarks.co.uk/place-value/place-value-charts Oak Academy 'Reading and Writing 3-digit numbers' https://classroom.thenational.academy/lessons/reading-and-writing-3-digit-numbers-ccrk4r Oak Academy 'Partitioning numbers in different ways' https://classroom.thenational.academy/lessons/partitioning-numbers-in-different-ways-cgw34d Oak Academy 'Ordering and Comparing 3 digit numbers' https://classroom.thenational.academy/lessons/ordering-and-comparing-3-digit-numbers-68w68d Oak Academy 'Rounding 2 and 3 digit numbers to the nearest 10' https://classroom.thenational.academy/lessons/rounding-2-and-3-digit-numbers-to-the-nearest-10-6gu3er Oak Academy 'Rounding 2 and 3 digit numbers to the nearest 100'

	https://classroom.thenational.academy/lessons/rounding-2-and-3-digit-numbers-to-the-nearest-100-ctgpar
	Oak Academy 'Place Value Problem Solving' https://classroom.thenational.academy/lessons/applying-place-value-knowledge-to-problem-solving-71jket
Column addition	• Add 3-digit numbers – no exchanging • Add 4-digit numbers – no exchanging • Add 3-digit numbers – with exchange • Add 4-digit numbers – with one exchange • Add 3-digit numbers – with more than one exchange
	Instructional Videos for column addition with no exchange and exchange. Column addition activities from the zip folder that link to the "Column Addition" instructional video. Oak Academy 'Adding and Subtracting 3-digit numbers' https://classroom.thenational.academy/lessons/adding-and-subtracting-3-digit-numbers-cmw36t BBC Bitesize 'Column Addition' lesson https://www.bbc.co.uk/bitesize/articles/z6vr47h
Column subtraction.	• Subtract 3-digit numbers – no exchanging • Subtract 4-digit numbers – no exchanging • Subtract 3-digit numbers – with exchange • Subtract 4-digit numbers – with one exchange • Subtract 3-digit numbers – with more than one exchange
	Instructional videos for column subtraction with no exchange and exchange. Column subtraction activities from the zip folder that link to the "Column Subtraction" instructional video. BBC Bitesize 'Column Subtraction' lesson https://www.bbc.co.uk/bitesize/articles/zrtsy9q Oak Academy 'Adding and Subtracting 3-digit numbers' https://classroom.thenational.academy/lessons/adding-and-subtracting-3-digit-numbers-cmw36t
Length and Perimeter	• Equivalent lengths – m/cm, mm/cm, kilometres. • Perimeter on a grid • Perimeter of a rectangle • Perimeter of rectilinear shapes
	Instructional Videos based on perimeter. Perimeter activities from the zip folder that link to the "Perimeter" instructional video. Oak Academy 'Area of a rectangle' https://classroom.thenational.academy/lessons/calculate-the-area-of-rectangles-cgupcc Oak Academy 'Area of rectilinear shapes' https://classroom.thenational.academy/lessons/calculate-the-area-of-rectilinear-shapes-6mr3ar Oak Academy 'Compare the area of perimeter of rectangles'

	https://classroom.thenational.academy/lessons/compare-the-area-and-perimeter-of-rectangles-crrp2d Oak Academy 'Calculate the area of non-rectilinear shapes' https://classroom.thenational.academy/lessons/calculate-the-area-of-non-rectilinear-shapes-chh38d Oak Academy lessons based on Equivalent lengths https://classroom.thenational.academy/lessons/area-and-perimeter-047bb0
Multiplication and Division	• Multiply by 10 • Multiply by 100 • Divide by 10 • Divide by 100 • 3 times tables • 6 times tables • 9 times tables • 7 times tables
	Multiply by 10 and Multiply by 100 PPT. Additional worksheets attached to the PPT. TTRockstars logins sent to the children and parents. Times tables flashcards ready to be sent to parents/children. Times tables worksheets ready to be sent to parents/children. Oak Academy 'Multiplying and Dividing by 10, 100 and 1000' https://classroom.thenational.academy/lessons/multiplying-and-dividing-by-10-100-1000-64t68e BBC Bitesize lessons Divide by 100 https://www.bbc.co.uk/bitesize/articles/z4dmhg8 Divide by 10 https://www.bbc.co.uk/bitesize/articles/zf39whv Dividing by 10 and 100 game http://flash.topmarks.co.uk/4766 Youtube songs to learn times tables 6 x https://www.youtube.com/watch?v=9os1VUUp5io 7 x https://www.youtube.com/watch?v=VEnQbnxWtqM 9 x https://www.youtube.com/watch?v=cGsrC6ZPVGM