Year 3 Non-Negotiables 2023-2024

Mathematics guidance: year 3 (publishing.service.gov.uk)

	Objective
Autumn	• Count forwards and backwards in 10s and 100s from any given number • Read and write numbers up to 1000 in numerals and in words • Recognise the place value of each digit in a three-digit number (hundreds, tens, ones) and compose and decompose 3-digit numbers using standard and non-standard partitioning • Add and subtract numbers mentally, including: o a three-digit number and ones o a three-digit number and tens o a three-digit number and hundreds • Tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks • Number bonds to 100 - (eg. 100 - ___ = 52 & 36 + ____ = 100) • Missing digit addition (eg. 1_ + _3 = 29) • Finding fractions of amounts including ¼, 2/4 and half of 2-digit numbers
Spring	• Count from 0 in multiples of 4, 8, 50 and 100 • Compare and order numbers up to 1000 • Find 10 or 100 more or less than a given number • Write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods • Apply place-value knowledge to known additive and multiplicative number facts (scaling facts by 10), for example 80+60=140 & 140-80=60 or 30x4 = 120 & 120 ÷30 = 4 • Compare and order unit fractions, and fractions with the same denominators • Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction (with 2 exchanges and where zero is involved) • Estimate the answer to a problem • Count up and down in tenths • Secure fluency in addition and subtraction facts that bridge 10, through continued practice
Summer	• Reason about the location of any three-digit number in the linear number system, including identifying the previous and next multiple of 100 and 10. • Reason about the location of any fraction within 1 in the linear number system • Divide 100 into 2, 4, 5 and 10 equal parts, and read scales/number lines marked in multiples of 100 with 2, 4, 5 and 10 equal parts • Add and subtract three-digit numbers using column method • Recognise right angles as a property of shape or a description of a turn, and identify right angles in 2D shapes presented in different orientations. • Estimate and read time with increasing accuracy to the nearest minute • Read time with increasing accuracy to the nearest minute

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