

Year 3 Maths Mastery Overview

Ready-to-progress criteria	Unit
2AS-1 Add and subtract across 10 (taken from Y2 but included in Y3 unit 1).	1
3NF-1 Secure fluency in addition and subtraction facts that bridge 10, through continued practice.	1
3NPV-1 Know that 10 tens are equivalent to 1 hundred, and that 100 is 10 times the size of 10; apply this to identify and work out how many 10s there are in other three-digit multiples of 10.	2
3NPV-2 Recognise the place value of each digit in three-digit numbers, and compose and decompose three-digit numbers using standard and non-standard partitioning.	2
3NPV-3 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.	
3NPV-4 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.	
3AS-1 Calculate complements to 100.	2
3NF-3 Apply place-value knowledge to known additive and multiplicative number facts (scaling facts by 10).	3
3G-1 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.	
3AS-3 Manipulate the additive relationship: Understand the inverse relationship between addition and subtraction, and how both relate to the part-part-whole structure; Understand and use the commutative property of addition and understand the related property for subtraction.	4
3AS-2 Add and subtract up to three-digit numbers using columnar methods.	5, 7
3MD-1 Apply known multiplication and division facts to solve contextual problems with different structures, including quotitive and partitive division.	6
3NF-2 Recall multiplication facts, and corresponding division facts, in the 10, 5, 2, 4 and 8 multiplication tables, and recognise products in these multiplication tables as multiples of the corresponding number.	
3NF-3 Apply place-value knowledge to known additive and multiplicative number facts (scaling facts by 10).	6
3F-1 Interpret and write proper fractions to represent 1 or several parts of a whole that is divided into equal parts.	8, 9
3F-2 Find unit fractions of quantities using known division facts (multiplication tables fluency).	8
3F-3 Reason about the location of any fraction within 1 in the linear number system.	8, 9
3F-4 Add and subtract fractions with the same denominator, within 1.	9
3G-2 Draw polygons by joining marked points, and identify parallel and perpendicular sides	10