

## Maths Fluency Progression



Year Group	Fluency Objectives	Resources for teaching fluency
<b>Reception</b>	Understand the composition of each number up to 10. Subitise up to 5 and recall number bonds to 5. Verbally count beyond 20	NCETM Mastering number White Rose Maths Daily
<b>Year 1</b>	Develop fluency in addition and subtraction facts within 10  Count forwards and backwards in multiples of 2, 5 and 10, up to 10 multiples, beginning with any multiple, and count forwards and backwards through the odd numbers	NCETM Mastering Number White Rose Maths Day
<b>Year 2</b>	Secure fluency in addition and subtraction facts within 10, through continued practice.  Add and subtract across 10	NCETM Mastering Number White Rose Maths
<b>Year 3</b>	Secure fluency in addition and subtraction facts that bridge 10, through continued practice  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.	NCETM Mastering Number (as an intervention where necessary) White Rose Maths Times table Rockstars Weekly Arithmetic
<b>Year 4</b>	Recall the 3, 6 and 9 multiplication tables and their corresponding division facts  Recall the 7 multiplication table and corresponding division facts  Recall the 11 and 12 multiplication tables and their corresponding division facts	NCETM Mastering Number (as an intervention where necessary) White Rose Maths Times table Rockstars Weekly Arithmetic
<b>Year 5</b>	Secure fluency in multiplication table facts, and corresponding division facts, through continued practice.	White Rose Maths Times table Rockstars (as an intervention where necessary)

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		Weekly Arithmetic
<b>Year 6</b>	<p>Secure arithmetic skills to solve calculations in the most efficient way.</p> <p>Pupils should develop fluency in multiplying numbers by 10, 100 and 1,000 to give products with up to 7 digits, and dividing up to 7-digit numbers by 10, 100 and 1,000</p> <p>Pupils should maintain fluency in both formal written and mental methods for calculation. Mental methods can include jottings to keep track of calculations. Pupils should select the most efficient method to calculate depending on the numbers involved.</p>	White Rose Maths  Weekly Arithmetic