MOT Curriculum Autumn 1

Compassion, Self-Awareness, Aspiration, Commitment, Resilience and Integrity

Maths On Track (Arithmetic) at Nonsuch Primary School

Arithmetic is systematically structured within our **Maths on Track** programme, building on pupils' prior learning to establish a strong foundation in essential number skills from Year 1 to Year 6. This carefully sequenced approach develops fluency in key areas of computation—including addition, subtraction, multiplication, and division—enabling children to apply these skills with confidence and accuracy. By continuously revisiting and reinforcing core concepts, **Maths on Track** supports long-term retention, ensuring pupils secure and embed their number knowledge effectively.

The programme is designed to provide dedicated skill-focused lessons while allowing teachers the flexibility to use assessment for learning to identify and address gaps in pupils' understanding and further address these within the programme. This ensures that **Maths on Track** lessons are skill based but have an element where they are tailored to the specific needs of each class, supporting progression and mastery in arithmetic.

Year 1 Arithmetic Medium Term Plan Autumn 1

Week:	**Week 1**	**Week 2**	**Week 3**	**Week 4**	**Week 5**	**Week 6**
Learning intention	1.Addition facts up to 10, e.g. 1+1 =, 9+1 =	1.Repeated addition, e.g. 2+2+2=	1.Subtraction facts up to 10, e.g. 5-4=, 9.7 =	1.Subtraction facts up to 20, e.g. 20 – 11 =	1.Finding missing numbers for subtraction (using the inverse), e.g. 10 - __ = 2	1.Count in multiples of 10 from 0 , e.g. 2 x 10 =

Year 2 Arithmetic Medium Term Plan Autumn 1

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
Learning intention	Read and write numbers to at least 100 (match numbers to words) Count forwards and backwards from any given number	Count in tens from any number forwards and backwards	Number bonds to facts of 20 Add three 1 digit numbers e.g. 9+7+3 =	Add and subtract a 2 digit and a 1 digit, e.g. 12 + ___ = 19	Multiplication facts, e.g. __ = 2x9	Matching equivalent fractions (pictorially) Find half of a quantity

Year 3 Arithmetic Medium Term Plan Autumn 1

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
Learning intention	To recognise the place value of each digit in a three-digit number. Compare and order numbers to 1000, e.g. smallest to largest	Add 3 numbers mentally, e.g. 7, 8 and 2 Add and subtract numbers mentally, e.g. 682 + 100, 682+1, 682+10	Formal written method for addition Formal written method for subtraction	Count from 0 in multiples of 4, 8 50 and 100 Multiply 2 digit by 1 digit	To know division facts for 3, 4 and 8, e.g. 40 ÷ 8 =	Recognise and write fractions, e.g., find half of a quantity. Adding fractions with the same denominator

Year 4 Arithmetic Medium Term Plan Autumn 1

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
	Recognise the place value of each digit in a four digit number Compare and order numbers up to1000 Compare and order numbers beyond 1000	Round any number to 10, 100 and 1000 Count backwards through zero to include negative numbers, e.g. 8 less than 3.	Formal written method for addition Formal written method for subtraction	To multiply and divide by 0 and 1 Recall multiplication and division facts up to 12x 12	To be able to multiply 3 numbers Multiply 2 digit by 1 digit with a formal method	Round decimals with one decimal place to the nearest whole number. Compare numbers with the same number of decimal places, e.g. order 34.2, 28.3, etc. Divide one digit decimal number by 10 and 100

Year 5 Arithmetic Medium Term Plan Autumn 1

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
Content	Read, write, order and compare numbers to 1 000 000, e.g. lowest to highest Round any number to the nearest 10, 100 or 1000 Roman Numerals	Prime numbers Identify composite (non-prime) numbers. Formal written method for addition, up to 6 digits Formal written method for subtraction, up to 6 digits	Recognise and solve problems with cubed numbers. Solve problems involving squared and cubed numbers. EG: $10^2 \div 2=$	Identify multiples Identify factors	Formal written method for division, 4 digits by 1 digit.	Adding and subtracting fractions with the same denominator Equivalent fractions

Year 6: Will be based on the needs of the latest data drop from their pervious Year 5 Summer data.