

EYFS Long Term Overview and Fluency (Mastering Number) Plan – 2022-23



Key :	Maths lesson	Mastering Number (fluency)	Review and assess
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Autumn 1	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
Maths lesson	'Getting to know you'. (WR) Learn key times of the day & class routines, eg visual timetable, where things belong, tidy up routine, positional language, lining up counting.	Tens frames and self-registration	Number stories Composition of number – 1 and 0.	Composition of number – 2	Composition of number – 3	Composition of number – 5	Review and assess
Mastering Number		Matching and Sorting. comparing. (WR)	Counting to 5 1:1 principle Stable order Cardinality (Week 2)	Composition, Whole, Part (Week 8)	Subitising 1,2,3 (Week 1)	Composition of 3 and 4 (Week 3)	
Autumn 2	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	
Maths lesson	Composition of number – 5	Composition of number - 4	Composition of number - 6	Composition of number -7	Composition of number -10	Review and assess	
Mastering Number	Subitise to 4 (Week 4)	More or fewer (Week 5)	Number 5 and the Hungarian model (Week 6)	Comparison (Week 7)	Composition, Whole, Part, Stampolines (Week 9)		
Spring 1	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	
Maths lesson	Composition of number -10	Composition of number -9	Composition of number -8	1 more & 1 less	Measure Length and Height	Review and assess	
Mastering Number	Counting, ordinality and Cardinality (Week 10)	Subitising to 5 (Week 11)	Counting and numerals (Week 12)	Composition of 5 (Week 13)	Subitising and composition to 6 (Week 14)	Comparison, more then, fewer (Week 15)	
Spring 2	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	
Maths lesson	Measure Capacity & Weight	Addition First, then, now	Addition First, then, now	Subtraction	Geometry 2D shape	Review and assess	
Mastering Number	Counting (revisit cardinality, stable order, stopping number) (Week 16)	Comparison and Ordinality (Week 17)	Composition to 7 (Week 18)	Subitising doubles (Week 19)	Composition and Sorting (Week 20)		
Summer 1	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	
Maths lesson	Geometry 3D shape	Geometry Spatial awareness	Geometry Exploring patterns	More than & Less than < >	More than & Less than < >	Review and assess	
Mastering Number	Cardinality. Ordinality and Counting (Week 21)	Subitising (Week 22)	Composition to 5 (Week 23)	Composition to 10 (Week 24)	Comparison (Week 25)		
Summer 2	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
Maths lesson	Sharing	Doubles and halves	Doubles and halves	Odds & Evens	Review and assess	Review and assess	Review and assess
Mastering Number	Introduce Rekenreks and Subitising (Week 26)	Counting (Week 27)	Comparison (Week 28)	Number patterns (Week 29)	Understanding (Week 30)	Recall (Week 31)	

Maths Long Term Plan 2022-23 Year 1



This overview is based on Maths - No problem! Primary Maths Series and outlines the national curriculum topics covered during the school year in year 1.

Week	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
1	5th Sept Number and Place Value: Numbers to 10 1PV-1	7th Nov Addition and Subtraction Numbers to 10	3rd Jan Addition and Subtraction Numbers to 20	20th Feb Multiplication 1NF-2	17th April Number and Place Value Numbers to 100	5th June Geometry 2D Shape 1G-1
2	12th Sept Number and Place Value Numbers to 10	14th Nov Geometry Position and Direction	9th Jan Geometry -properties of Shape Shapes and Patterns	27th Feb Multiplication	24th April Number and Place Value Numbers to 100	12th June Geometry 2D shape 1G-2
3	19th Sept Number and Place Value Numbers to 10	21st Nov Number and Place Value Numbers to 20 1NPV-2	16th Jan Measurement Length and Height	6th March Division	2nd May Number and Place Value Numbers to 100	19th June Measurement Money
4	26th Sept Addition and Subtraction Numbers to 10 1NF-1	28th Nov Number and Place Value Numbers to 20	23rd Jan Number and Place Value Numbers to 40	13th March Fractions PUMA	8th May Measurement Volume and Capacity	26th June Measurement Money PUMA
5	3rd Oct Addition and Subtraction Numbers to 10 1AS-1/2	5th Dec Addition and Subtraction Numbers to 20	30th Jan Number and Place Value Numbers to 40	20th March Fractions	15th May Measurement Time	3rd July Revisit number and place value to 100
6	10th Oct Addition and Subtraction Numbers to 10	12th Dec Addition and Subtraction Numbers to 20	6th Feb Addition and Subtraction Numbers to 40	27th March Measurement Mass	22nd May Measurement Time	10th July Revisit number and place value to 100
7	17th Oct – Addition and Subtraction - Numbers to 10					17th July Review and revisit
8						24th July Review and revisit



Maths Long Term Plan 2022-23 Year 2

This overview is based on Maths - No problem! Primary Maths Series and outlines the national curriculum topics covered during the school year in year 2.

Week	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
1	5th Sept Number and place value - compose and decompose 2-digit no's 2NPV-1	7th Nov Addition within 100 adding 1s, adding 10s, adding tens and ones, no renaming 2AS-3	3rd Jan Division Sharing and grouping with 2,5 and 10	20th Feb Geometry 3D shape 2G-1	17th April Measurement Time o clock, half past, quarter past, quarter to	5th June Review and revisit topics
2	12th Sept Number and place value - compare and order numbers	14th Nov Addition within 100 adding 1s, adding 10s, adding tens and ones, with renaming 2AS-4	9th Jan Measurement Length in M and CM compare using <>	27th Feb Measurement - Money recognising coin and notes and sorting. Create equal amounts of different coins	24th April Measurement Time 5-minute intervals durations	12th June Review and revisit topics
3	19th Sept Number and place value – 2-digit no's in the linear number system.2NPV-2	21st Nov – Subtraction within 100 subtracting ones, subtracting tens, subtracting tens and ones with renaming	16th Jan Measurement Mass Measure mass in G and KG	6th March Measurement Money adding, calculating change, exchanging coins	2nd May Measurement Volume in L, ML	19th June Review and revisit topics
4	26th Sept Addition and subtraction -add and subtract across 10 2AS-1	28th Nov Multiplication Multiplication as equal groups/2 times tables. 2MD-1 PUMA	23rd Jan Measurement Temperature Read and measure temperature in C	13th March Fractions equal parts halves quarters thirds PUMA	8th May Statistics - Picture Graphs – read and solve problems using pictograms including pictures meaning more than 1	26th June Review and revisit topics
5	3rd Oct Addition within 20 Adding two 2-digit numbers/adding tens by scaling, one multiple	5th Dec Multiplication Multiplication of 5- and 10- times table	30th Jan Geometry 2D shape 2G-1	20th March Fractions compare and order fractions	15th May Geometry Position and direction SATS	3rd July Review and revisit topics
6	10th Oct Addition within 20 Adding 2-digit no and ones of 10	12th Dec Division Sharing and grouping with 2,5 and 10. 2MD-2	6th Feb Geometry 2D shape	27th March Fractions count in fractions find fractions of whole numbers	22nd May Review and revisit topics SATS	10th July Review and revisit
7	17th Oct – Subtraction within 20 subtracting 2-digit no and ones of 10					17th July Review and revisit

8						24 th July Consolidation
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Maths Long Term Plan 2022-23 Year 3

This overview is based on Maths - No problem! Primary Maths Series and outlines the national curriculum topics covered during the school year in year 3.



Week	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
1	5 th Sept Place value numbers to 100 3NPV-1	7 th Nov Subtraction Subtracting 1, 10 and 100 from 3-digit numbers	3 rd Jan Division Division facts – 4 and 8	20 th Feb Measurement Volume	17 th April Measurement Time	5 th June Statistics Bar graphs/pictograms
2	12 th Sept Place value Numbers to 1000 3NPV-2	14 th Nov Subtraction Complements to 100 3AS-1	9 th Jan Multiplication Multiplying 2-digit numbers 3MD-1	27 th Feb Measurement Volume	24 th April Measurement Time	12 th June Statistics Bar graphs/pictograms
3	19 th Sept Place value Numbers to 1000 3NPV-3/4	21 st Nov Subtraction Column subtraction 3AS-2	16 th Jan Division Dividing 2-digit numbers 3MD-1	6 th March Money	2 nd May Fractions Fractions within 1 in the linear number system/ counting in tenths 3F-3 3F-1	19 th June Geometry 2D/3D shape
4	26 th Sept Place value to 1000	28 th Nov Multiplication Number x facts – 10, 5, 2's and 3's PUMA	23 rd Jan Measurement Length	13 th March Money PUMA	8 th May Fractions Equivalence	26 th June Geometry Angles/parallel and perpendicular lines 5G-1 5G-2 PUMA
5	3 rd Oct Addition Adding 1, 10 or 100 to a 3-digit number	5 th Dec Multiplication Number facts – 4 and 8.	30 th Jan Measurement Length	20 th March Measurement Money	15 th May Fractions Comparing fractions 3F-2	3 rd July Perimeter
6	10 th Oct Addition Complements to 100 3AS-1	12 th Dec Division Number facts – 10,5, 2 and 3 3MD-1	6 th Feb Measurement Mass	27 th March Measurement Time	22 nd May Fractions	10 th July Perimeter
7	17 th Oct – Addition Column addition 3AS- 2/3					17 th July Consolidation

8						24 th July Consolidation
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Maths Long Term Plan 2022-23 Year 4

This overview is based on Maths - No problem! Primary Maths Series and outlines the national curriculum topics covered during the school year in year 4.



Week	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
1	5th Sept Number and place value Counting in 100's, 1000's and 25's and 4NPV-1	7th Nov Subtraction Subtracting 1, 10, 100 and 1000 from 4-digit numbers	3rd Jan Division facts of 7's, 8's and 12's partitive and quotative	20th Feb Fractions Equivalence	17th April Measurement Time	5th June Measurement Area of figures
2	12th Sept Number and place value Recognise the PV in a 4-digit number 4NPV-2	14th Nov Subtraction – mental strategies. Two 4-digit numbers, no and one exchange	9th Jan Multiplying and dividing whole numbers by 10 and 100 4MD-1	27th Feb Fractions Mixed fractions in the linear number system 4F-1	24th April Measurement Money	12th June Measurement Area of figures
3	19th Sept Number and place value to 10,000 Comparing and ordering 4NPV-3/4	21st Nov Subtraction Two 4-digit numbers no more than one exchange	16th Jan Multiplication Multiples of 10, 100 Scaling	6th March Fractions Convert mixed number fractions and improper fractions 4F-2	2nd May Measurement Money	19th June Geometry Property of shape 4G-1
4	26th Sept Number and place value to 10,000 Rounding	28th Nov Multiplication Number x facts 3's, 6's and 9's and commutativity distributive property 4MD-2 PUMA	23rd Jan Multiplication of 2- and 3- digit numbers by a 1-digit number.	13th March Add and subtract improper fractions and mixed numbers. 4F-3 PUMA	8th May Measurement Mass, Volume and Length	26th June Geometry Property of shape 4G-2 PUMA
5	3rd Oct Addition Adding 1, 10, 100 or 1000 to a 4-digit number	5th Dec Multiplication Number facts 7's, 8's and 12's commutativity/distributive property 4MD-3	30th Jan Division of a 2 and 3-digit number by a 1-digit number.	20th March Decimals	15th May Measurement Mass, Volume and Length	3rd July Geometry Property of shape/position and direction 4G-3
6	10th Oct Addition Two 4-digit numbers no/no and one exchange	12th Dec Division Number facts of 3's, 6's and 9's partitive and quotative division	6th Feb Statistics Graphs	27th March Decimals	22nd May Measurement Mass, Volume and Length	10th July Geometry Position and direction
7	17th Oct Addition Two 4-digit numbers – one and more exchange					17th July Number and Place Value Roman Numerals



Maths Long Term Plan 2022-23 Year 5

This overview is based on Maths - No problem! Primary Maths Series and outlines the national curriculum topics covered during the school year in year 5.

Week	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
1	5th Sept Number and Place value Read and represent numbers to 1,000,000	7th Nov Addition and Subtraction Counting on to add/ adding within 1,000,000	3rd Jan Multiplication and Division Multiplying 4- digit numbers/Multiplying 2-digit by 2-digit/ multiplying 3-digit by 2-digit	20th Feb Fractions Comparing and ordering mixed numbers/ making number pairs/ adding fractions	17th April Percentages Comparing quantities/ finding percentages/ consolidation	6th June Measurement- Converting units of mass/ of time
2	12th Sept Number and Place value Standard and non-standard partitioning	14th Nov Addition and Subtraction Counting backwards to subtract/ Subtracting within 1,000,000/ adding and subtracting within	9th Jan Multiplication & Division Dividing by 10/100 /1,000/ dividing with and without remainder/ consolidation	27th Feb Fractions Subtracting fractions/ multiplying whole numbers by proper fractions	24th April Geometry- properties of shape Knowing angles/ measuring & investigating angles	12th June Measurement- measurements Converting units of time/ telling the temperature/consolidate
3	19th Sept Number and Place value Comparing and order numbers to 1,000,000	21st Nov Addition and Subtraction Adding/ subtracting within 1,000,000/ consolidation	16th Jan Multiplication & Division- Word problems Solving word multiplication and division problems/ multi-step problems/ consolidation	6th March Fractions Multiplying proper fractions & whole numbers/ multiplying mixed numbers & whole numbers/ consolidation	2nd May Geometry- properties of shape Drawing angles & lines/ investigating angles in squares and rectangles	19th June Measurement- area & Perimeter finding perimeter/ measuring area
4	26th Sept Number and Place value /Rounding	28th Nov Multiplication and Division Finding multiples/factors/primes PUMA	23rd Jan Statistics- Graphs Reading tables/ reading line graphs	13th March Decimals Reading and writing decimals/ comparing PUMA	8th May Geometry- properties of shape Solving problems	26th June Measurement- area & Perimeter measuring area PUMA
5	3rd Oct Decimal Fractions -5NPV-1	5th Dec Multiplication and Division Finding square & cubed numbers/multiplying by 10, 100 & 1000/multiplying 2/3 digit by single digit	30th Jan Statistics- Graphs Reading line graphs/ consolidation	20th March Decimals Comparing / write fractions as decimals/ adding/subtract decimals	15th May Geometry- position and direction/ movement describing movements/ translations/reflections	3rd July Measurement- area & Perimeter Measuring & estimating area/ consolidation
6	10th Oct Decimal fractions -5NPV-2	12th Dec Multiplication and Division Multiplying 4-digit numbers/multiplying a 2-digit by a 2-digit	6th Feb Fractions Diving to make fractions/ writing mixed number & improper/ finding equivalent/ comparing & ordering	27th March Decimals Adding and subtracting decimals/ consolidation	22nd May Measurement- measurements Converting units of length & mass	10th July Measurement- volume Finding volume of solids/ capacity of rectangular boxes

7	17 th Oct Decimal fractions -5NPV- 3/5NPV-4					17 th July Measurement- volume Converting units/ word problems
8						24 th July Number & place value- roman numerals- writing numerals/ years

Maths Long Term Plan 2022-23 Year 6

This overview is based on Maths - No problem! Primary Maths Series and outlines the national curriculum topics covered during the school year in year 6.



Week	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
1	5 th Sept Number and Place Value Numbers to 10 million 6NPV-1	7 th Nov Number Factors, prime and multiples	3 rd Jan Compare fractions with different denominators 6F-3	20 th Feb Decimals	17 th April Statistics Graphs and averages	5 th June Problem solving – ready for year 7
2	12 th Sept Number and Place Value Numbers to 10 million 6NPV-2	14 th Nov Multiplication and Division 6MD-1	9 th Jan Fractions Add and subtract fractions	27 th Feb Decimals	24 th April Statistics Graphs and averages	12 th June Problem solving – ready for year 7
3	19 th Sept Number and Place Value Numbers to 10 million 6NPV-3	21 st Nov Multiplication and Division	16 th Jan Fractions Multiply and divide fractions Mock SATS (2019)	6 th March Decimals Mock SATs (2022)	2 nd May Geometry Property of shape 6G-1	19 th June Problem solving – ready for year 7
4	26 th Sept Number and Place Value Decimals – standard and non-standard partitioning/rounding 6NPV-4 Negative Numbers	28 th Nov Multiplication and Division 6MD-2 Algebra	23 rd Jan Measurements Area and Perimeter	13 th March Percentages	8 th May SATS	26 th June Problem solving – ready for year 7
5	3 rd Oct Addition and Subtraction 6AS-1 Mock SATs (2018)	5 th Dec Fractions Simplify/ compare/order fractions 6F-1	30 th Jan Measurements Area and Perimeter	20 th March Ratio and Proportion	15 th May Measurement Position and movement	3 rd July Problem solving – ready for year 7
6	10 th Oct Addition and Subtraction 6AS-2	12 th Dec Fractions Simplify/ compare/order fractions 6F-1	6 th Feb Measurements Length, mass and volume	27 th March Ratio and Proportion	22 nd May Measurement Position and movement	10 th July Review and revisit

7	17 th Oct Addition and Subtraction					17 th July Review and revisit
8						24 th July Review and revisit