Maths meetings overview 2020-21

Maths meetings support the continued development of basic mathematical concepts beyond the time when they are taught in a formal lesson. Regular, repetitive, exposure to key concepts will build mathematical fluency and understanding.

A maths meeting should be made up of several short sections – each focusing on a different area of the maths curriculum – and everyone in the class must participate. There must be the same expectation of accurate use of mathematical vocabulary as in the main maths lessons.

Below is a list of key concepts that should be revisited during the daily maths meetings for each year group. The lists build through the terms: the autumn term reinforces concepts learned in previous years; subsequent terms continue to revisit knowledge taught in previous year groups, but then adds concepts from the current academic year. Guidance for topics that should be covered as a year group and when it should be delivered is in the Maths Meetings Overview.

Even though some concepts may seem basic for your year group, it is important that skills from previous years are revisited and practised to ensure that the children have a secure grasp on them and are able to use them independently.

The maths meeting takes place four days a week (every day other than your PPA day) and lasts for approximately 30 minutes. The format of the lesson is usually less formal than the morning maths session and can use: quizzes; games; chants; songs; etc. Design the sessions in a way that supports and engages your class.

Concrete resources may be particularly helpful during maths meetings; as well as providing support to children, they can also be used to challenge the children, e.g. in proving why a solution to a calculation may be correct or incorrect.

The following lists are not exhaustive; use your own assessments to inform the content of your maths meetings on a weekly basis.

Autumn Term

Year 1	• Number bonds • Counting (what is __ more than __; what is __ less than __) • Days of the week • Months of the year • Names of shapes
Year 2	• Number bonds • Counting (what is __ more than __; what is __ less than __) • Days of the week • Months of the year • Names of shapes • Properties of 2D shapes • Times tables (2x, 5x, 10x) • Doubles and halves • Time (o'clock, half past) • Patterns • Money
Year 3	• Number bonds • Counting (what is __ more than __; what is __ less than __) • Days of the week • Months of the year • Names of shapes • Properties of 2D and 3D shapes • Times tables (2x, 3x, 4x, 5x, 10x) • Doubles, halves and quarters • Time (o'clock, half past, quarter to) • Movement / directions (half turns, quarter turns, etc.) • Patterns • Money
Year 4	• Number bonds • Counting (what is __ more than __; what is __ less than __) • Times tables (2x, 3x, 4x, 5x, 6x, 8x, 10x, 11x) • Fractions of an object • Time (o'clock, half past, quarter to) • Movement / directions (half turns, quarter turns, etc.) • Properties of 2D and 3D shapes • Patterns • Money • Interpreting data
Year 5	• Number bonds • Counting (what is __ more than __; what is __ less than __) • Times tables (all up to 12 x 12) • Fractions of an object • Rounding • Time (o'clock, half past, quarter to) • Movement / directions (half turns, quarter turns, etc.) • Properties of 2D and 3D shapes • Patterns • Money

	• Interpreting data
Year 6	• Number bonds
	• Counting (what is __ more than __; what is __ less than __)
	• Times tables (all up to 12 x 12)
	• Fractions of an object
	• Rounding
	• Time (o'clock, half past, quarter to)
	• Movement / directions (half turns, quarter turns, etc.)
	• Properties of 2D and 3D shapes
	• Patterns
	• Money
	• Interpreting data

Spring Term

All year groups should include the content from the autumn term, plus:

Year 1	• Partitioning 2-digit numbers
Year 2	• Place value < 100
Year 3	• Addition and subtraction: mental strategies
Year 4	• Times tables up to 12 x 12
	• Addition and subtraction: mental strategies
Year 5	• Addition and subtraction: mental strategies
	• Roman numerals
Year 6	• Roman numerals
	• Primes, factors, squares & cubes

Summer Term

All year groups should include the content from the autumn and spring terms, plus:

Year 1	• Doubles and halves
	• Time (o'clock, half past)
	• Patterns
Year 2	• Money
	• Time (o'clock, half past, quarter to)
	• Fractions of an object
Year 3	• Fractions of an object
	• Measures
Year 4	• Fractions of an object
	• Measures
Year 5	• Fractions: converting between improper fractions and mixed numbers
	• Primes, factors, squares & cubes
	• Measures
Year 6	• Converting between fractions, decimals and percentages

Structure of Maths Meetings

Maths Meetings are designed to be an opportunity for quick consolidation or pre-teaching for your students. The structure is more fluid as stated above but does follows a similar model to our Maths Lessons:

- ✓ Do It Now/Transition Activity
- ✓ Topic focus 1 for year group with teacher input
- ✓ Partner/Independent practise and review
- ✓ Topic focus 2 for individual class (this may be across the year group) with teacher input
- ✓ Partner/Independent practise and review
- ✓ Consolidation activity with a reasoning or problem solving focus

Example slides for Year 1, 2 and 6 can be found in Prowise> 2020/2021/ Maths

In Year 3, 4 and 5 all maths meetings must include a times tables element. These are:

- ✓ see powerpoint
- ✓ Start with what you know!
- ✓ Open ended reasoning task
- ✓ Number patterns within timestables

Example slides for Year 3, 4 and 5 can be found here: in Prowise> 2020/2021/ Maths

In addition to this counting sticks are available to facilitate learning of timestable facts.

COVID-19 Gaps by Current Year Group

Year group	Gaps in learning
Year 1 (Reception class of 2019-20)	- Number recognition 1 – 20 - Shape - Addition - Subtraction - More or Less - Data handling - Time - Fractions (Doubling and halving) - Money
Year 2 (Year 1 class of 2019-20)	- Addition and subtraction <50 - Doubling and halving - Fractions - Shapes and patterns - Place value <50 - Measures - Multiplication and division 2x 5x - Place value <100 - Addition and subtraction <100 - Money - Time
Year 3 (Year 2 class of 2019 – 20)	- Money - Measures - Data and Graphs - Place value <1000 - Shape - Patterns - Movement - Multiplication and division
Year 4 (Year 3 class of 2019 – 20)	- Money - Measures - Place Value <1000 - Addition and subtraction problem solving and reasoning - Shape - Fractions - Interpreting data - Multiplication and division - Time
Year 5 (Year 4 class of 2019 – 20)	- Money - Measures (area and perimeter) - Place value <1000000 - Multiplication and division - Shape - Decimals - Interpreting and presenting data - Co-ordinates and plotting - Roman numerals - Time

COVID-19 Gaps by Current Year Group

Year 6 (Year 5 class of 2019 - 20)	• Primes, factors, squares and cubes • Shape • Measure (area and perimeter) • Place Value <1000000 • Converting units of measure • Shape • Time • Measures – volume • Angles • Interpreting and presenting data • Reflection and translation • Roman numerals

To teach purple revisionary blocks, please refer to the Medium Term plans. These will highlight the missed NC objectives from the previous year of study. Where possible, these gaps should be addressed and every effort made to reach the corresponding NC objective for the current year of study. Please also note, this is guidance only. We recognise our children will have retained different aspects of their learning during their time away from school; adjust the pitch of your Maths Meetings accordingly. For further guidance, please see the MTP and speak with your phase leader and the Maths Lead.

Maths Meetings overview 2020-21

Main topic coverage is included for comparison. Purple blocks indicate COVID-19 catch up gaps. Orange blocks revise the current year of study. For further guidance, please see the MTP

w/c	3rd Sept 2 days	7th Sept 5 days	14th Sept 5 days	21st Sept 5 days	28th Sept 5 days	5th Oct 5 days	12th Oct 5 days	19th Oct 5 days / 26th Oct 5 days	HALF TERM	2nd Nov 5 days	9th Nov 5 days	16th Nov 3 days + Assessments	23rd Nov 5 days	30th Nov 5 days	7th Dec 5 days	14th Dec 5 days
Nursery	Number Recognition									Shape						
Reception	Sorting Same/Different	Number Recognition 1-20		Patterns		Number Recognition 1-20				Measure		Estimation	Number Recognition 1-20		More or Less	Number Recognition 1-20
	Magic Maths SOW - Days of the week, Months of the Year - Patterns - Shape - Number recognition									**Magic Maths SOW** - Days of the week, Months of the Year - Patterns - Shape - Number recognition						
Year 1	Getting along together	Place value Counting <10	Place value Number sense < 10	Addition < 10		Subtraction < 10				Place value Number sense < 20		Addition < 20		Subtraction < 20		
		Topic 1: Number recognition 0 - 5 / Topic 2: More or Less	Topic 1: Number recognition 0 - 5 / Topic 2: More or Less	Topic 1: Number recognition 6 - 10 / Topic 2: More or Less	Topic 1: Number recognition 6 - 10 / Topic 2: More or Less	Topic 1: Number recognition 11 - 15 / Topic 2: More or Less	Topic 1: Number recognition 11 - 15 / Topic 2: More or Less			Topic 1: Number recognition 15 - 20 / Topic 2: More or Less	Topic 1: Number recognition 15 - 20 / Topic 2: More or Less	Topic 1: Addition to 10 / Topic 2: More or Less (0 – 10)	Topic 1: Addition within 10 / Topic 2: More or Less (0 – 10)	Topic 1: Subtraction to 10 / Topic 2: More or Less (10 – 20)	Topic 1: Subtraction within 10 / Topic 2: More or Less (10 – 20)	Topic 1: Fraction (doubling and halving) / Topic 2: More or Less (10 – 20)
Year 2	Getting along together	Place value < 100		Addition < 100: number bonds		Subtraction < 100: number bonds				Place value < 100	Addition < 100: Crossing over 10s		Subtraction < 100: Crossing over 10s		Multiplication & division 2x, 5x, 10x	

Maths Meetings overview 2020-21

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Top row

Col 1	Col 2	Col 3	Col 4	Col 5	Col 6		Col 7	Col 8	Col 9	Col 10	Col 11	Col 12	Col 13
Topic 1: Place value <50 (multiples of 10) **Topic 2:** Place value <50 (value in the ones column)	**Topic 1:** Place value <50 (multiples of 10) **Topic 2:** Place value <50 (value in the ones column)	**Topic 1:** Number bonds to 10 (addition to 10) **Topic 2:** Place value <50 and 100(value in the ones column)	**Topic 1:** Number bonds to 10 (addition within 10) **Topic 2:** Place value <50 and 100(value in the ones column)	**Topic 1:** Number bonds to 10 (subtraction to 10) **Topic 2:** Place value <50 and 100(value in the ones column)	**Topic 1:** Number bonds to 10 (subtraction within 10) **Topic 2:** Place value <50 and 100(value in the ones column)		**Topic 1:** Number bonds to 20 (addition to 15) **Topic 2:** Place value <100	**Topic 1:** Number bonds to 20 (addition to 20) **Topic 2:** Place value <100	**Topic 1:** Number bonds to 20 (addition within 20) **Topic 2:** Place value <100	**Topic 1:** Number bonds to 20 (subtraction to 15) **Topic 2:** Place value <100	**Topic 1:** Number bonds to 20 (subtraction to 20) **Topic 2:** Multiplication 2xs – doubling and halving	**Topic 1:** Number bonds to 20 (subtraction within 20) **Topic 2:** Multiplication 5xs, 10xs	**Topic 1:** Addition <100 (number bonds) **Topic 2:** Subtraction <100 (number bonds)

Year 3 — Getting along together

Place value < 1,000		Addition TO + TO		Subtraction TO – TO			Place value < 1,000	Addition HTO + TO / HTO + HTO			Subtraction HTO – TO / HTO – HTO		Multiplication & division 2x, 3x, 4x, 5x, 6x, 8x 10x
Topic 1: Place value <1000 (multiples of 100) **Topic 2:** Place value <1000 (multiples of 10)	**Topic 1:** Place value <1000 (multiples of 10) **Topic 2:** Place value <1000 (value in the ones column)	**Topic 1:** Timestables 4xs **Topic 2:** Timestables (2xs, 5xs 10xs)	**Topic 1:** Timestables 8xs **Topic 2:** Timestables (2xs, 5xs 10xs)	**Topic 1:** Timestables 3xs **Topic 2:** Division facts (2xs, 5xs 10xs)	**Topic 1:** Timestables 6xs **Topic 2:** Division facts (2xs, 5xs 10xs)		**Topic 1:** Timestables 7xs **Topic 2:** Money	**Topic 1:** Timestables 4xs and 8xs **Topic 2:** Money	**Topic 1:** Timestables 3xs and 6xs **Topic 2:** Money	**Topic 1:** Timestables 11xs **Topic 2:** Money	**Topic 1:** Timestables 12xs **Topic 2:** Measures (length)	**Topic 1:** Timestables 6xs and 12xs **Topic 2:** Measures (mass)	**Topic 1:** Timestables (Teacher directed) **Topic 2:** Measures (temperature)

Year 4 — Getting along together

Place value < 10,000	Addition Formal written method	Subtraction Formal written method		Place value < 100,000 Negative numbers	Addition Problem solving & reasoning	Subtraction Problem solving & reasoning	Multiplication & division 2x, 3x, 4x, 5x, 6x, 7x, 8x, 9x, 10x, 11x, 12x

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Top Row

Topic 1: Place value <1000 (multiples of 10 and 100) **Topic 2:** Place value <1000 (value in the ones column)	**MTC Baseline Week**	

Topic 1: Timestables 4xs	**Topic 1:** Timestables 8xs	**Topic 1:** Timestables 3xs and 6xs	
Topic 2: Multiplication (1 digit by 2 digit)	**Topic 2:** Multiplication (1 digit by 2 digit)	**Topic 2:** Multiplication (1 digit by 2 digit)	**MTC Assessment Week**

Topic 1: Timestables 6xs and 12xs	**Topic 1:** Timestables 7xs	**MTC Assessment Week**	**Topic 1:** Timestables 4xs and 8xs	**Topic 1:** Timestables 3xs and 6xs	**MTC Assessment Week**	**Topic 1:** Timestables 11xs
Topic 2: Multiplication (1 digit by 2 digit)	**Topic 2:** Multiplication (1 digit by 2 digit)		**Topic 2:** Division (short method and application of 4,8, 3,6 timestables)	**Topic 2:** Division (short method and application of 4,8, 3,6 timestables)		**Topic 2:** Division (short method and application of 4,8, 3,6 timestables)

Year 5

Getting along together

Main topic coverage:

Place value < 100,000 Inc. decimals	Addition Inc. decimal numbers	Subtraction Inc. decimal numbers	Place value <1,000,000	Addition and Subtraction Problem solving & reasoning	Multiplication & division ThHTO x TO and ThHTO ÷ TO	Primes, factors, squares & cubes

Topic 1: Place value (decimals) **Topic 2:** Place value (rounding decimals – 1d.p)	**Topic 1:** Place value (rounding decimals – 1d.p) **Topic 2:** Place value (decimals – x and ÷ by 10)	**Topic 1:** Place value (rounding decimals – 1d.p) **Topic 2:** Place value (decimals – x and ÷ by 10)	**Topic 1:** Place value (rounding decimals – 1d.p) **Topic 2:** Place value (decimals – x and ÷ by 10)	**Topic 1:** Multiplication (1 digit by 2 digit – multiplier is a multiple of 10) **Topic 2:** Multiplication (1 digit by 2 digit) Revision of timestable knowledge	**Topic 1:** Multiplication (3 multipliers) **Topic 2:** Multiplication (1 digit by 2 digit) Revision of timestable knowledge

Topic 1: Division (short method) **Topic 2:** Multiplication (1 digit by 2 digit) Revision of timestable knowledge	**Topic 1:** Addition (inc. decimals) **Topic 2:** Subtraction (inc. decimals) Revision of timestable knowledge	**Topic 1:** Addition (inc. decimals and regrouping) **Topic 2:** Subtraction (inc. decimals and regrouping) Revision of timestable knowledge	**Topic 1:** Money **Topic 2:** Perimeter Revision of timestable knowledge	**Topic 1:** Money **Topic 2:** Perimeter (missing lengths) Revision of timestable knowledge	**Topic 1:** Money **Topic 2:** Area (squares) Revision of timestable knowledge	**Topic 1:** Area (oblongs) **Topic 2:** Area (missing lengths) Revision of timestable knowledge

Maths Meetings overview 2020-21

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Main topic coverage is included for comparison. Purple blocks indicate COVID-19 catch up gaps. Orange blocks revise the current year of study. For further guidance, please see the MTP

Year 6	Getting along together	Place Value <100,000	Application and Reasoning	Addition & subtraction	Multiplication & division (including fractions)	Application and Reasoning	Decimals & percentages		Ratio and Proportion	Capacity and Measurement	Application and Reasoning	Perimeter and Area	Volume	Application and Reasoning	Data handling
	Due to the revisionary nature of Year 6, Maths meetings are at the discretion of Year 6 teachers								*Due to the revisionary nature of Year 6, Maths meetings are at the discretion of Year 6 teachers*						
	COVID-19 Gaps • Primes, factors, squares and cubes • Shape • Measure (area and perimeter) • Place Value <1000000 • Converting units of measure • Shape (2D and 3D) • Shape (Missing lengths & angles) • Time • Measures – volume • Angles (Drawing & measuring & reasoning) • Interpreting and presenting data • Reflection and translation • Roman numerals								**COVID-19 Gaps** • Primes, factors, squares and cubes • Shape • Measure (area and perimeter) • Place Value <1000000 • Converting units of measure • Shape (2D and 3D) • Shape (Missing lengths & angles) • Time • Measures – volume • Angles (Drawing & measuring & reasoning) • Interpreting and presenting data • Reflection and translation • Roman numerals						