

# Maths - One Voice

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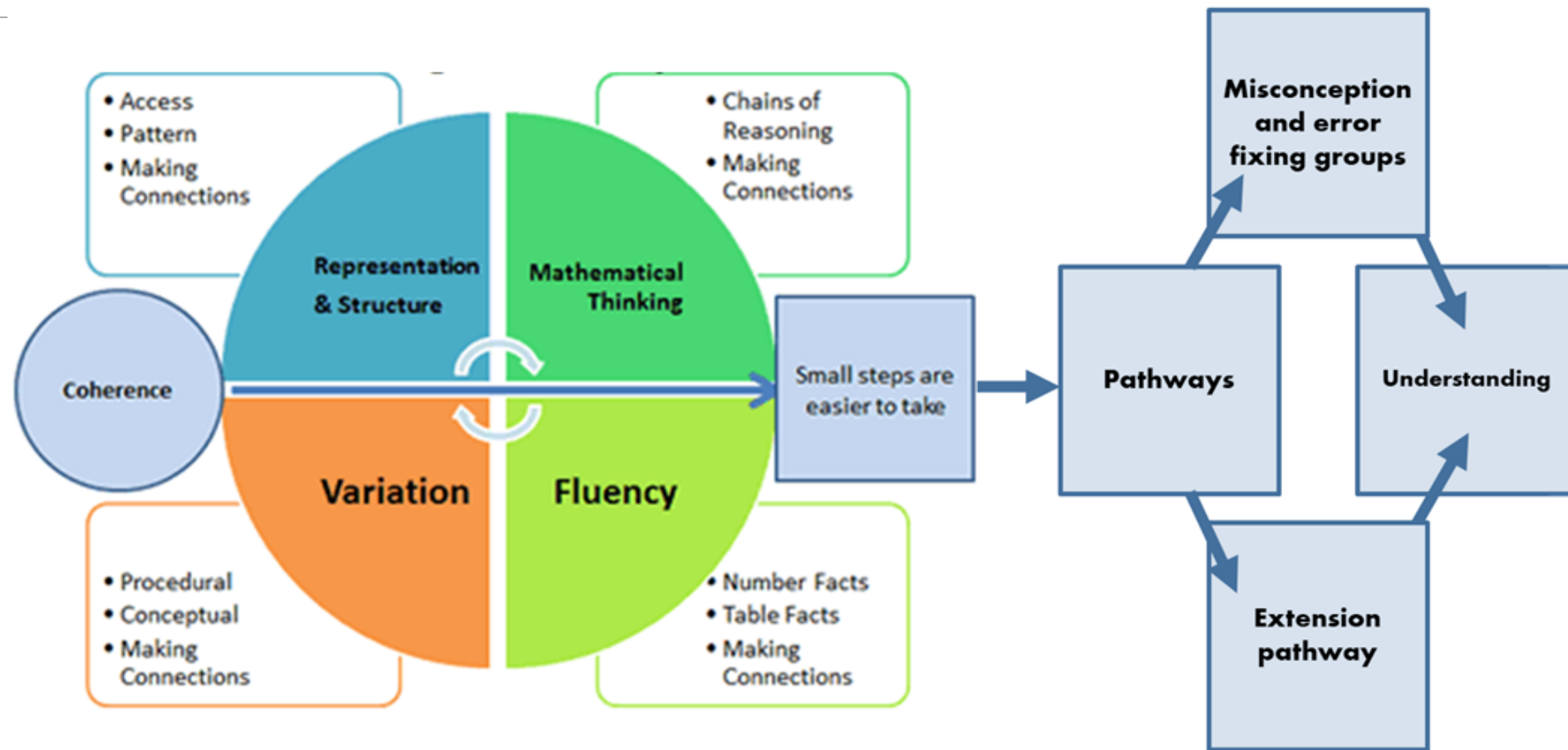
## How is learning across school sequenced?

The national curriculum for mathematics aims to ensure that all pupils:

- ❖ **become fluent** in the fundamentals of mathematics, including through varied and frequent practice with increasingly complex problems over time, so that pupils develop conceptual understanding and the ability to recall and apply knowledge rapidly and accurately
- ❖ **reason mathematically** by following a line of enquiry, conjecturing relationships and generalisations, and developing an argument, justification or proof using mathematical language
- ❖ **can solve problems by applying their mathematics** to a variety of routine and non-routine problems with increasing sophistication, including breaking down problems into a series of simpler steps and persevering in seeking solutions

# How is learning across school sequenced?

## Maths Learning Cycle



NC objectives are taught within each year group and worked within our learning cycle for each unit of work.

# How is learning across school sequenced?

## Progression of Skills Documents

### Maths Overview of Skills and Progression

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	
<b>Topics covered</b>	<b>Autumn</b> Place Value Addition and Subtraction Shape Place Value consolidation <b>Spring</b> Addition and subtraction Place value Length and height Weight and volume <b>Summer</b> Multiplication and division Fractions Position and direction Place value Money Time	<b>Autumn</b> Place Value Addition and subtraction Shape <b>Spring</b> Money Multiplication and division Length and height Mass, capacity and temperature <b>Summer</b> Fractions Money Statistics Position and Direction	<b>Autumn</b> Place Value Addition and subtraction Multiplication and division <b>Spring</b> Multiplication and division Length and perimeter Fractions Mass and capacity <b>Summer</b> Fractions Money Shape Statistics	<b>Autumn</b> Place Value Addition and subtraction Area Multiplication and division <b>Spring</b> Multiplication and division Length and perimeter Fractions Decimals and percentages Area and perimeter Statistics <b>Summer</b> Decimals Time Shape Statistics Position and direction	<b>Autumn</b> Place Value Addition and Subtraction Multiplication and division Fractions <b>Spring</b> Multiplication and division Fractions Decimals and percentages Area and perimeter Statistics <b>Summer</b> Shape Position and direction Decimals Negative numbers Converting units Volume	<b>Autumn</b> Place Value Four Operations Fractions Converting units <b>Spring</b> Ratio Algebra Decimals Fractions, decimals and percentages Perimeter, area and volume Statistics <b>Summer</b> Shape Position and direction Problem solving Consolidation	<b>Autumn</b> Place Value Addition and subtraction Multiplication and division Fractions Converting units <b>Spring</b> Ratio Algebra Decimals Fractions, decimals and percentages Perimeter, area and volume Statistics <b>Summer</b> Shape Position and direction Problem solving Consolidation
<b>Number and place value</b>	Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number.  Count, read and write numbers to 100 in numerals and words.  Given a number, identify one more or one less.  Identify and represent numbers using objects and pictorial representations.  Use the language of: equal to, more than, less than, most and least.  Count in steps of 2, 5 and 10 from 0.	Read and write numbers to 100 in numerals and words.  Recognise the place value of each digit in a two-digit number  Identify, represent and estimate numbers using different representations.  Compare and order numbers to 100 using $<$ and $=$  Use place value and number facts to solve problems.  Count in steps of 2, 3 and 5 from 0 and in 10s from any number backwards and forwards.	Identify, represent and estimate numbers using different representations.  Find 10 or 100 more or less than a given number.  Recognise the place value of each digit in a three-digit number.  Compare and order numbers up to 1000.  Read and write numbers up to 1000 in numerals and in words.  Solve number problems and practical problems involving these ideas.	Count in multiples of 6, 7, 9, 25 and 1000.  Find 1000 more or less than a given number.  Recognise the place value of each digit in a four-digit number.  Order and compare numbers beyond 1000.  Identify, represent and estimate numbers using different representations.  Round any number to the nearest 10, 100 and 1000.  Solve number and practical problems. Count back through	Read, write, order and compare numbers to at least 1,000,000 and determine the value of each digit.  Count forwards or backwards in steps of powers of 10 for any given number up to 1,000,000.  Interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers including through 0.  Round any number up to 1,000,000 to the nearest 10, 100, 1000, 10000 and 100000.	Read, write, order and compare numbers up to 10,000,000 and determine the value of each digit.  Round any whole number to a required degree of accuracy.  Use negative numbers in context and calculate intervals across 0.  Solve number and practical problems.	Add and subtract numbers with more than 4 digits using written methods  I can solve addition and subtraction problems needing more than one step and can work out which operation and method is the most suitable.  I can mentally calculate using a mix of the four operations

**Year 5**

I can add and subtract numbers with more than 4 digits using written methods

I can solve addition and subtraction problems needing more than one step and can work out which operation and method is the most suitable.

**Year 6**

I can mentally calculate using a mix of the four operations

Use of place value counter to add HTO + TO. HTO + HTO

Use of place value counters to add HTO + TO, HTO + HTO etc. When there are 10 ones in the 1s column - we exchange for 1 ten, when there are 10 tens in the 10s column - we exchange for 1 hundred.

Chn to represent the counters in a place value chart, circling when they make an exchange.

**Additional three digit + 3-digit and four digit + four digit**

Regrouping Twice

Regrouping Thrice

Column addition - regrouping to more than four digits

Regrouping Thrice

Regrouping Four Times

**Adding decimals with the same number of decimal places**

Adding decimals with the same number of decimal places

Adding decimals with different number of decimal places

Using mental calculation by counting on

Progression of skills documents from the NCETM, CCJS Math and Calculation Policies are used to guide staff to know prior learning of the children and the next steps. This informs teachers planning accordingly.

MENTAL CALCULATION				
add and subtract one-digit and two-digit numbers to 20, including zero	add and subtract numbers using concrete objects, pictorial representations, and mentally, including: <ul style="list-style-type: none"> <li>a two-digit number and ones</li> <li>a two-digit number and tens</li> <li>two two-digit numbers</li> <li>adding three one-digit numbers</li> </ul>	add and subtract numbers mentally, including: <ul style="list-style-type: none"> <li>a three-digit number and ones</li> <li>a three-digit number and tens</li> <li>a three-digit number and hundreds</li> </ul>	add and subtract numbers mentally with increasingly large numbers	perform mental calculations, including with mixed operations and large numbers
<b>Working backwards</b> Through practical games on number tracks and lines ask questions such as "where have you landed?" and "what numbers would you need to throw to land on other given numbers?"	<b>True or false?</b> Are these number sentences true or false? $40 = 113$ $98 - 18 = 70$ $46 + 77 = 123$ $92 - 67 = 35$ Give your reasons.  <b>Hard and easy questions</b> Which questions are easy / hard? $23 + 10 =$ $93 + 10 =$ $54 + 9 =$ $54 + 1 =$ Explain why you think the hard questions are hard?	<b>True or false?</b> Are these number sentences true or false? $7597 + 7 = 614$ $804 - 70 = 744$ $768 + 140 = 908$ Give your reasons.  <b>Hard and easy questions</b> Which questions are easy / hard? $323 + 10 =$ $393 + 10 =$ $454 - 100 =$ $954 - 120 =$ Explain why you think the hard questions are hard?	<b>True or false?</b> Are these number sentences true or false? $76.7 + 0.4 = 6.11$ $8.1 - 0.9 = 7.2$ Give your reasons.  <b>Hard and easy questions</b> Which questions are easy / hard? $3323 - 70 =$ $12893 + 300 =$ $19354 - 500 =$ $19954 + 100 =$ Explain why you think the hard questions are hard?	<b>True or false?</b> Are these number sentences true or false? $76.17 + 0.4 = 6.57$ $8.12 - 0.9 = 8.3$ Give your reasons.  <b>Hard and easy questions</b> Which questions are easy / hard? $21323 - 70 =$ $512893 + 300 =$ $819354 - 500 =$ $319954 + 100 =$ Explain why you think the hard questions are hard?
<b>What do you notice?</b> $11 - 1 = 10$ $11 - 10 = 1$ Can you make up some other number sentences like this involving 3 different numbers?	<b>True or false?</b> Are these number sentences true or false? $76.32 - 1 = 8$ $1 = 1.68$ Give your reasons.	<b>True or false?</b> Are these number sentences true or false? $21323 - 70 =$ $512893 + 37 =$ $8193.54 - 5.9 =$ Explain why you think the hard questions are hard?	<b>True or false?</b> Are these number sentences true or false? $76.32 - 1 = 8$ $1 = 1.68$ Give your reasons.	<b>True or false?</b> Are these number sentences true or false? $76.32 - 1 = 8$ $1 = 1.68$ Give your reasons.

# How is learning across school sequenced?

Long-term plans are constructed and built upon by each year group team.

These include:

- key objectives taught from the National Curriculum
- White Rose Maths LTPs and MTPs used by all staff from Years 3 to Year 6.
- NCETM Resources used throughout school.

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn	Number <b>Place value</b>			Number <b>Addition and subtraction</b>				Number <b>Multiplication and division A</b>				
Spring	Number <b>Multiplication and division B</b>			Measurement <b>Length and perimeter</b>			Number <b>Fractions A</b>		Measurement <b>Mass and capacity</b>			
Summer	Number <b>Fractions B</b>		Measurement <b>Money</b>	Measurement <b>Time</b>			Geometry <b>Shape</b>		Statistics		Consolidation	

Year 3 | Autumn term | Block 1 – Place value

## Small steps

- Step 1 Represent numbers to 100
- Step 2 Partition numbers to 100
- Step 3 Number line to 100
- Step 4 Hundreds

Year 3 | Autumn term | Block 1 – Place value | Step 1

## Represent numbers to 100

### Notes and guidance

Children have already represented numbers to 100 in Year 2. This small step provides the opportunity to revisit and consolidate their learning before moving on to numbers beyond 100

The main focus of this step is to ensure that children get a sense of the size of numbers to 100 and can see clearly the number of tens and ones each number is made up of. Children should be confident using a range of manipulatives, such as straws, a bead string and base 10, alongside their own drawings and jottings. Place value counters are not used in this particular small step, as they do not show the relative sizes of numbers, and children cannot see that 1 ten is made up of 10 ones.

### Things to look out for

- Children may count 1 ten as 1 rather than 10. Using bundles of straws is useful here as children can physically count out 10 ones and then bundle them to make 1 ten.
- When asked to draw, children can often draw too much detail. Ensure you give clear instructions, for example a line means 1 ten; a dot means 1 one.
- Children may not recognise that when there are 10 or more ones they need to make an exchange.

### Key questions

- How have the beads been grouped? How does this help you to count?
- Is it quicker to count in ones or tens?
- How many tens do you have? How many ones do you have?
- How many ones make 1 ten?
- How else can you show this number?

### Possible sentence stems

- There are \_\_\_\_ tens and \_\_\_\_ ones. The number is \_\_\_\_.
- The \_\_\_\_ represents \_\_\_\_ groups of ten. The \_\_\_\_ represents \_\_\_\_ extra ones.

### National Curriculum links

- Identify, represent and estimate numbers using different representations



# How is learning across school sequenced?

## Example of Medium Term Plans informed by Maths Policy, WR LTP & MTPs, RTP and NCETM documents

### YEAR 3 Medium Term Planning

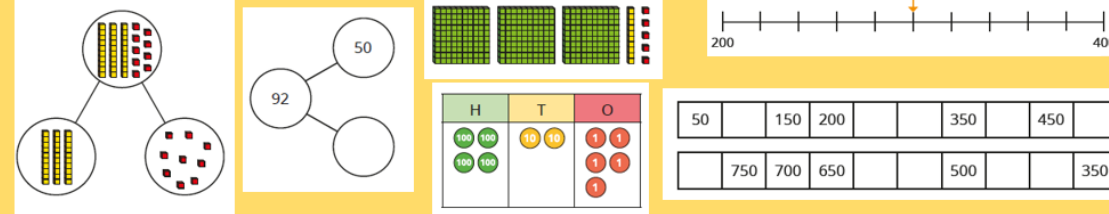
### Cheadle Catholic Junior School

<b>Prior Learning:</b> <ul style="list-style-type: none"> <li>read and write numbers to at least 100 in numerals and in words</li> <li>identify, represent and estimate numbers using different representations, including the number line</li> <li>count in steps of 2, 3, and 5 from 0, and in tens from any number, forward and backward</li> <li>recognise the place value of each digit in a two-digit number (tens, ones)</li> <li>compare and order numbers from 0 up to 100; use &lt;, &gt; and = signs</li> </ul>		<b>Autumn Block 1: Place Value</b> <a href="#">National Curriculum 2014</a> <ul style="list-style-type: none"> <li>Identify, represent and estimate numbers using different representations</li> <li>Read and write numbers up to 1000 in numerals and in words</li> <li>Recognise the place value of each digit in a 3-digit number (hundreds, tens, ones)</li> <li>Count from zero in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number</li> <li>Compare and order numbers up to 1000</li> </ul>		<b>Future Learning:</b> <ul style="list-style-type: none"> <li>count in multiples of 6, 7, 9, 25 and 1000</li> <li>count backwards through zero to include negative numbers</li> <li>identify, represent and estimate numbers using different representations</li> <li>read Roman numerals to 100 (I to C) and know that over time, the numeral system changed to include the concept of zero and place value</li> <li>find 1000 more or less than a given number</li> <li>recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, and ones)</li> <li>order and compare numbers beyond 1000</li> </ul>			
<b>Vocabulary</b> <i>Refer to Maths Policy to see previously taught vocabulary.</i>		<b>White Rose Maths Small Steps:</b> <ol style="list-style-type: none"> <li>Represent numbers to 100</li> <li>Partition numbers to 100</li> <li>Number line to 100</li> <li>Hundreds</li> <li>Represent numbers to 1,000</li> <li>Partition numbers to 1,000</li> <li>Flexible partitioning of numbers to 1,000</li> <li>Hundreds, tens and ones</li> <li>Find 1, 10 or 100 more or less</li> <li>Number line to 1,000</li> <li>Estimate on a number line to 1,000</li> <li>Compare numbers to 1,000</li> <li>Order numbers to 1,000</li> <li>Count in 50s</li> </ol>		<b>Ready to progress</b> Year 3 Criteria 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 3NPV-2 Recognise the place value of each digit in three-digit numbers, and compose and decompose three-digit numbers using standard and nonstandard partitioning. 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.		<b>Further Support Material</b> <a href="#">White Rose Maths Autumn Scheme of Learning: Place Value</a> <a href="#">NCETM Spine: 1.17 (TP1 hundreds, 1000, 50s, 25s) 1.18 (TP1 100s, 10s, 1s) (TP2 number line to 1000) (TP3 1, 10, 100 more or less) (TP4 compare order)</a> <a href="#">NCETM Ready-to-Progress Powerpoints</a> <a href="#">NRICH activities</a> <a href="#">Classroom Secrets</a> <a href="#">See Maths - Reasoning (See Teacher Server)</a>	
<i>Different representations</i> Place value Hundreds, tens and ones Even/odd Different ways Numerals/ digits/ words All possibilities Solutions/ Method Calculations Estimate Value Closest/furthest Halfway More than/less than Subtract/add	<i>Same/ different/ similarity/ difference</i> Symbol Greatest/ smallest Compare Column/ Row Most/least Ascending/ descending order Pattern Increase/ decrease Sequence Ordering Relationship Multiples/Product/ Factors Venn diagram						

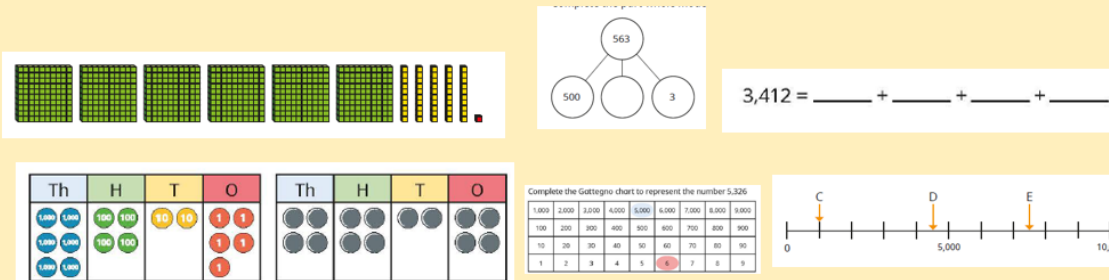
#### Possible sentence stems (See WRM SoL)

- There are \_\_\_ tens and \_\_\_ ones. The number is \_\_\_
- The \_\_\_ represents \_\_\_ groups of ten.

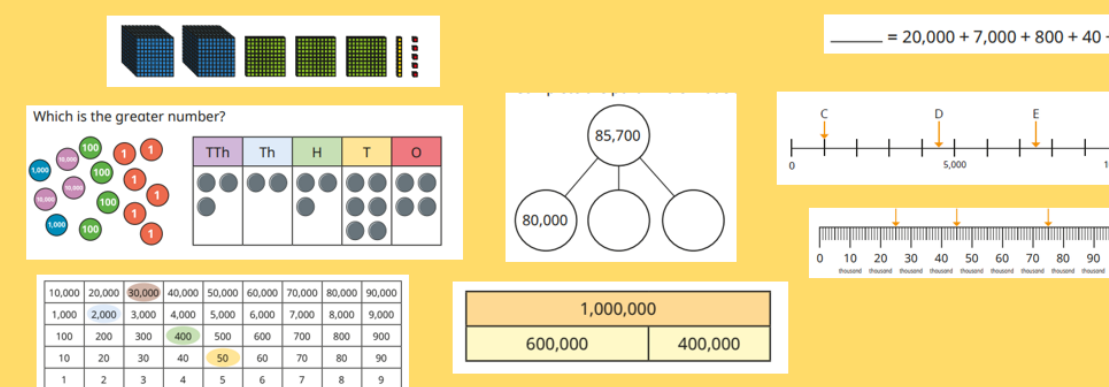
#### Representations For YEAR 3



#### Representations For YEAR 4



#### Representations For YEAR 5



# Measuring and Tracking Progress

To support ongoing formative assessment, teachers review pupils' contributions in lessons, work in their books and attainment in end of unit assessments (provided by White Rose). Within lessons, books are marked alongside children where possible to provide in the moment support, next steps and feedback.

These are supported by end of term assessments and end of year tests (White Rose Assessment Year 3, 4 and 5 and SATs Year 6).

Progress and attainment are recorded on tracking sheets on SIMs and are the basis of discussions with Pupil Progress meetings to monitor and track a child's progress related to ARE.

Autumn progress check

## Year 5

### Mathematics

Paper 1: arithmetic

First name					
Middle name					
Last name					
Date of birth	Day		Month		Year
Teacher					

This progress check has been designed by White Rose Maths.  
For more information, please visit [whiterosemaths.com](http://whiterosemaths.com)



ISBN 978-1-80478-017-6  
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Summer progress check

## Year 4

### Mathematics

Paper 2: reasoning and problem solving

First name					
Middle name					
Last name					
Date of birth	Day		Month		Year
Teacher					

This progress check has been designed by White Rose Maths.  
For more information, please visit [whiterosemaths.com](http://whiterosemaths.com)



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# Priority 1: Standards and Progression Implement and Embed NCETM Mastering Number in Years 4 and 5

Secure firm foundations in multiplicative relationships



## Aims of the Programme

Knowledge of multiplication and division and its applications forms the single most important aspect of the KS2 curriculum, and is the gateway to success at secondary school. This project enables pupils in Years 4 and 5 to develop fluency in multiplication and division facts, and a confidence and flexibility with number that exemplifies good number sense.

## How will we achieve the programme's aims?:

Training delivered by the NCETM will be attended by Year 4 and 5 group leads, with other teachers attending where possible, in order to deliver five short sessions a week to the Y4 and Y5 cohorts. Further termly training will be held to ensure the objectives are covered according to the guidance. SL will be in regular discussion with Year 4 & 5 teachers to check progress and relevance of the programme and seen evidence of the children's learning.

There is a pre and post programme task for the children to complete that will aid the evaluation of its impact within our school.

## Priority 2: Teaching and Learning. Improving competence of pupils in maths through adaptive planning- making effective decisions.

'Its all about how the learning builds in ways that makes sense to children.'  
Dr Debbie Morgan

### Our Aims:

Through ensuring we teach in a coherent way, we scaffold the learning to enable all pupils to understand and connect ideas together.

### How we will achieve our aims:

- SL to attain and share training delivered by the Maths Hub on 'Adaptive Planning'.
- SL to review termly the impact of recap, retention and consolidation strategies in Maths.
- SL to review classroom resources for Maths
- SL to build upon subject expertise amongst staff and share effective practice and resources.
- SL to review termly our school's Math's Adaptive Teaching Pyramid

Research and analysis

### Coordinating mathematical success: the mathematics subject report

Published 13 July 2023

Primary schools should make sure that:

- they identify and sequence small steps in the Reception Year curriculum
- all pupils learn to apply facts and methods to wider problem-solving
- geometry knowledge is sequenced throughout, rather than at the end of, each year's curriculum

# Measuring and Tracking Progress Data

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## Priority 3: Data Evidence Focus Developing approaches to problem solving.

### Our Aims:

Mathematical thinking is central to how pupils learn mathematics and includes looking for patterns and relationships, making connections, conjecturing, reasoning, and generalising. Pupils should actively engage in mathematical thinking in all lessons, communicating their ideas using precise mathematical language.

### How we will achieve our aims:

- SL to attend 3 TRGs delivered by the maths hub on developing approaches to problem solving and share good practice with staff.
- SL to attend 3 Maths Subject Leader training sessions led by Gareth Metcalfe, sharing good practice with staff.
- Ensure stem sentences continues to be embedded in classroom practice.
- SL to review the use of Maths Working Walls in class.

Research and analysis

### Coordinating mathematical success: the mathematics subject report

Published 13 July 2023

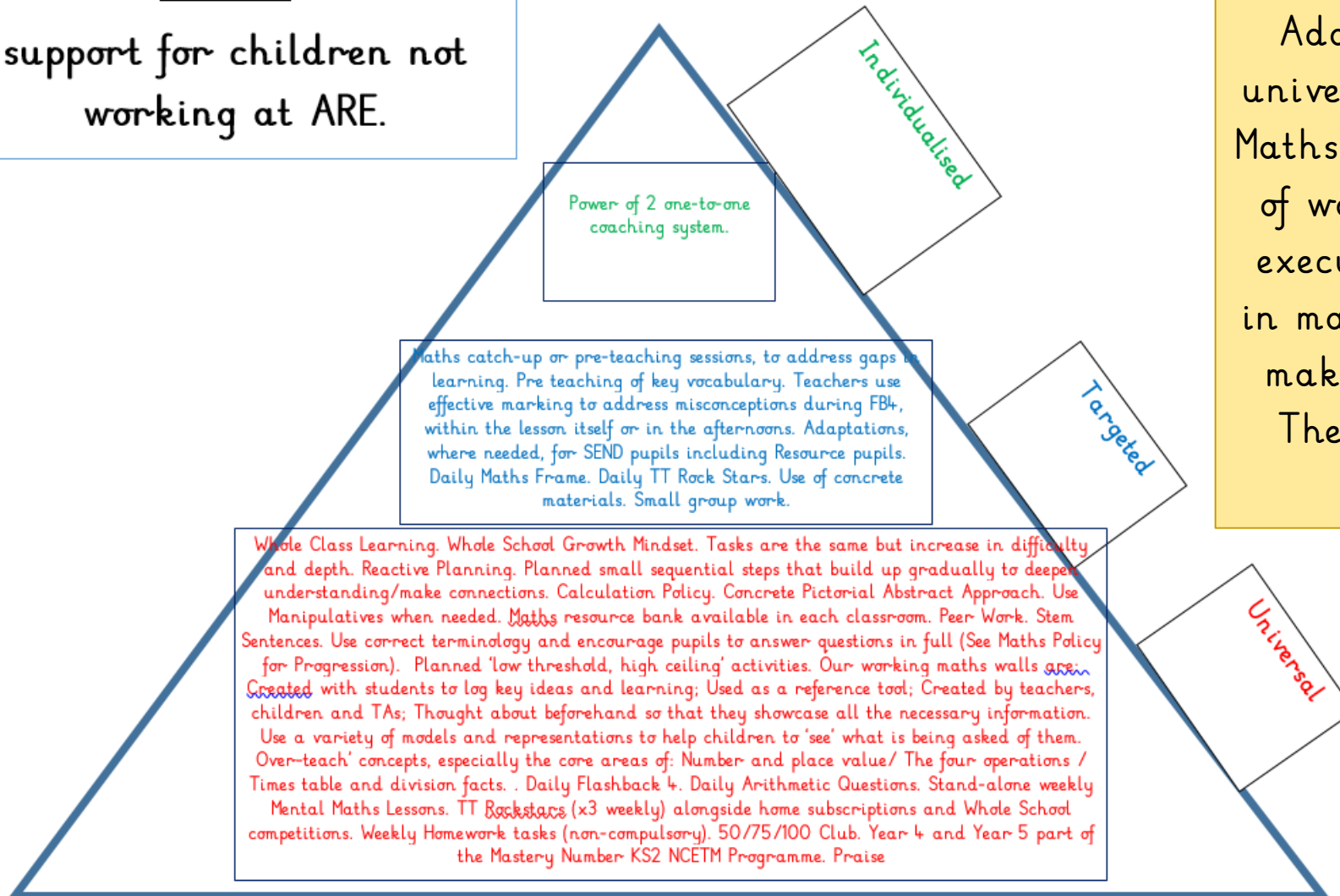
Primary schools should make sure that:

- they identify and sequence small steps in the Reception Year curriculum
- all pupils learn to apply facts and methods to wider problem-solving
- geometry knowledge is sequenced throughout, rather than at the end of, each year's curriculum

# Inclusion Adaptive Teaching

## Maths:

support for children not working at ARE.



Power of 2 one-to-one coaching system.

Maths catch-up or pre-teaching sessions, to address gaps in learning. Pre teaching of key vocabulary. Teachers use effective marking to address misconceptions during FB+, within the lesson itself or in the afternoons. Adaptations, where needed, for SEND pupils including Resource pupils. Daily Maths Frame. Daily TT Rock Stars. Use of concrete materials. Small group work.

Whole Class Learning. Whole School Growth Mindset. Tasks are the same but increase in difficulty and depth. Reactive Planning. Planned small sequential steps that build up gradually to deeper understanding/make connections. Calculation Policy. Concrete Pictorial Abstract Approach. Use Manipulatives when needed. Maths resource bank available in each classroom. Peer Work. Stem Sentences. Use correct terminology and encourage pupils to answer questions in full (See Maths Policy for Progression). Planned 'low threshold, high ceiling' activities. Our working maths walls are: Created with students to log key ideas and learning; Used as a reference tool; Created by teachers, children and TAs; Thought about beforehand so that they showcase all the necessary information. Use a variety of models and representations to help children to 'see' what is being asked of them. Over-teach' concepts, especially the core areas of: Number and place value/ The four operations / Times table and division facts. . Daily Flashback 4. Daily Arithmetic Questions. Stand-alone weekly Mental Maths Lessons. TT Rockstars (x3 weekly) alongside home subscriptions and Whole School competitions. Weekly Homework tasks (non-compulsory). 50/75/100 Club. Year 4 and Year 5 part of the Mastery Number KS2 NCETM Programme. Praise

Adaptive teaching is broken down into universal, targeted and individualised. In Maths, children are supported in a number of ways in order to help them learn and execute skills needed to become successful in mathematics, as well as being guided to make connections and identify patterns. These ideas are informed by the NASEN Teacher Handbook.

- Informed by NASEN Handbook - detailed on pages 59- 63.

# Pedagogy: Teaching and Learning Strategy

Our Teaching and Learning Strategy outlines the 7 lenses of our approach to pedagogy. These lenses are present in Maths lessons, and are embedded in our Maths lessons. These can be found on page 2 of our policy and are **sequencing, modelling, scaffolding, questioning, practice/review/retrieve, DEAL strategies and vocabulary.**

<b>Sequencing</b>	Subject matter is broken into units (White Rose Maths) with predetermined objectives and specified outcomes. Same day marking is used to identify any gaps in learning. Any pupils who do not achieve ARE are provided with extra support through a range of teaching strategies such as more intensive teaching, peer-assisted learning, small group discussions, or additional homework. Teachers' planning is reactive.
<b>Modelling</b>	Lessons are planned to include various mathematical structures - graphs, equations, diagrams, bar models, part whole models, and so forth - to represent real world situations. These models allow pupils to draw and visualize mathematical concepts to make connections, find patterns and solve problems.
<b>Scaffolding</b>	Our school uses the Adaptive Teaching model for all subjects. Our Provision Map for our universal, targeted and individualised approach to Maths can be found on pages 59-63.
<b>Questioning</b>	We encourage peer discussions as we acknowledge: purposeful discussions are vital for creating an enthusiastic mastery classroom (Kagan Structures) Peer discussions are integral to assessment and learning. More effective learning takes place when the teacher doesn't immediately accept or reject an answer. Higher level questioning can be used to challenge advanced learners. Teachers should be brave and not afraid to learn with the class. Use of teacher questioning. How do you know? Can you prove it? Can you come up with a different method? What do you notice? Will it always do that, and why? What happens if? Does your answer seem reasonable? Why/why not?
<b>Practice, review and retrieval</b>	We 'over-teach' concepts, especially the core areas of: Number and place value/ The four operations / Times table and division facts. Daily FB4 and arithmetic helps embed and link knowledge together.
<b>Vocabulary</b>	Our Maths Policy identifies progression of Vocabulary at CCJS. Key vocabulary is displayed on Maths Working Walls alongside key learning STEM sentences.

## Development and Systems For Renewal

### Book Study

Each term or half term, subject leaders complete a Book Study, informed by the Bedford Study. Teachers and a member of SLT choose an area upon which to focus. Subject leads then create a line of questioning and meet with a small group of children from each year group to evaluate that area of the curriculum. Most recently in Maths, myself and SLT delved into oracy within the classroom.

### Book Flicks

Every Friday morning, teachers meet for a 'Book Flick', bringing a pre-decided selection of books, (for example all teachers bring books 4-8 in the register). Each week will be lead by a different subject lead and books from the correlating subject will be brought. This is a great opportunity to monitor progression, magpie ideas and assess the effectiveness of teaching and learning.

### Pupil Voice

Pupil's thoughts and ideas are regularly discussed. After Book Flicks, teachers often ask for pupils to meet and discuss their work. Here, we are able to gauge children's ability to explain and recall their learning. Pupil voice activities are often undertaken in a variety of ways, for example after assemblies, book flicks, during lessons and recorded in maths books.

## Development: Pupil Voice - What do you think about Maths at our school?

Year 3: I love everything in Maths. My teacher is really helpful and you can use base ten if you need help.

Amber, 3M

I love Flashback 4. They are hard yet fun!

Nell, 3M

Year 4: I think Flashback 4s are really useful. They repeat things we have learnt in our last lesson as well as asking questions about other maths topics. I enjoy the challenge questions in maths and spotting Tiny's mistakes!

Moosa, 4M

Year 5: In Maths I really enjoy doing the harder problem solving and reasoning questions near the end. In school I enjoy Maths because I enjoy the different things we do in it.

Charlotte, 5R

Year 6: I like how maths at our school is very interactive and how the different resources help us to understand. We are really encouraged to know our times tables through TT Rockstars and wherever there is a competition, we're in it!

Charlie, 5LM

# Extra Curricular



Cheadle Catholic Junior Sc... · 05/07/2024

Thank you to the Maths department of [@StJamesCheadle](#) who led our Year 5 children in a fantastic capacity investigation today. Great maths fun had by all! #maths



Cheadle Catholic Junior School @CheadleRCJnr · Oct 11, 2021

Thank you to the Maths dept of [@StJamesCheadle](#) and Y11 pupils for leading some fabulous Maths investigations today.



Cheadle Catholic Junior School @CheadleRCJnr · Nov 17, 2023

The scores are in ... out of over 4000 primary schools, CCJS finished [@TTRockStars](#) England Rocks competition in 9th place for total correct answers. Our amazing children correctly answered 477,543 questions in just 3 hours!

What an amazing team achievement! #MathsWeekEngland

**PRIMARY SCHOOL LEADERBOARD**

School	Score
Malvern Primary School, Liverpool	1,335,28
Parigate Primary School, Coventry	928,77
Harewood Primary School	778,31
Burnley Stoneholme Community Primary School	748,44
Stanton Bridge Primary School	725,56
Chesswood Junior School	637,81
Lake Farm Park Academy	
Norton Junior School	
Cheadle Catholic Junior School, Cheadle	
Gifford Primary School, Northolt	



Cheadle Catholic Junior Sc... · 23/04/2024

Year 4 have been busy all around the school site today using [@StockportSHAPES](#) orienteering materials. Great to get some extra grammar and maths work in too!



Cheadle Catholic Junior Sc... · 22/07/2024

In Design technology our Year 3 children have been exploring tetrahedron. Today they took on the challenge of joining dowling rods to build giant Tetrahedron. Great work Year 3!



Cheadle Catholic Junior Sc... · 03/07/2024

Well done to a group of Year 5 boys who attended a Maths Challenge today at [@StAmbroseColl](#) with schools across South Manchester. They showed great reasoning and determination. Thank you St Ambrose for inviting us.

