



Welcome to your  
**Complete Product Guide**



Welcome to **Maths Masters** - a pick up and go maths scheme designed to save you time and help deepen children's understanding of mathematics whilst working towards mastery through developing strong problem solving and reasoning skills.



Created alongside maths specialists, Maths Masters helps teachers deliver high-quality, consistent maths teaching in an engaging and practical way, aligned to the National Curriculum, following a mastery approach.



Keep maths fresh, exciting and accessible, with hands-on ideas, all with little preparation needed.



Each week you will find daily lessons and supporting resources that are engaging and age-appropriate, ensuring maths lessons that not only provide curriculum coverage but also help each individual pupil make progress.





## Why follow a mastery approach?

Maths mastery focuses around the myth that some people just can't do maths, and celebrates the notion that with hard work, everyone can succeed at maths.

A mastery approach allows the whole class to be taught at the same time, giving targeted intervention to children who need it, at the same time stretching the most able children, allowing no pupil to be left behind. This approach allows flexibility, and by following this method, you have complete freedom as the teacher to do what is best for each child in your class.

## Why use the CPA approach

(concrete-pictorial-abstract)?

Children often find maths difficult because of the abstract concepts involved. It is often referred to as a language that many people don't speak or understand!

By using the Concrete-Pictorial-Abstract approach, we are ensuring children have a deep understanding of the concept being taught. Children start with concrete apparatus before moving on to pictorial representations and finally begin to use abstract symbols in order to enhance procedural fluency and conceptual understanding.

## How we use small steps

Each block of the maths curriculum is split into weeks, following small steps of learning. The small steps cover all the learning objectives for each year group.

Some small steps will be taught in a single lesson, whereas others will be taught over two or more lessons. Our scheme provides guidance as to when to teach the small steps, but teachers should use their own judgement as to how long to spend on each step, tailoring the scheme to the needs of their pupils.

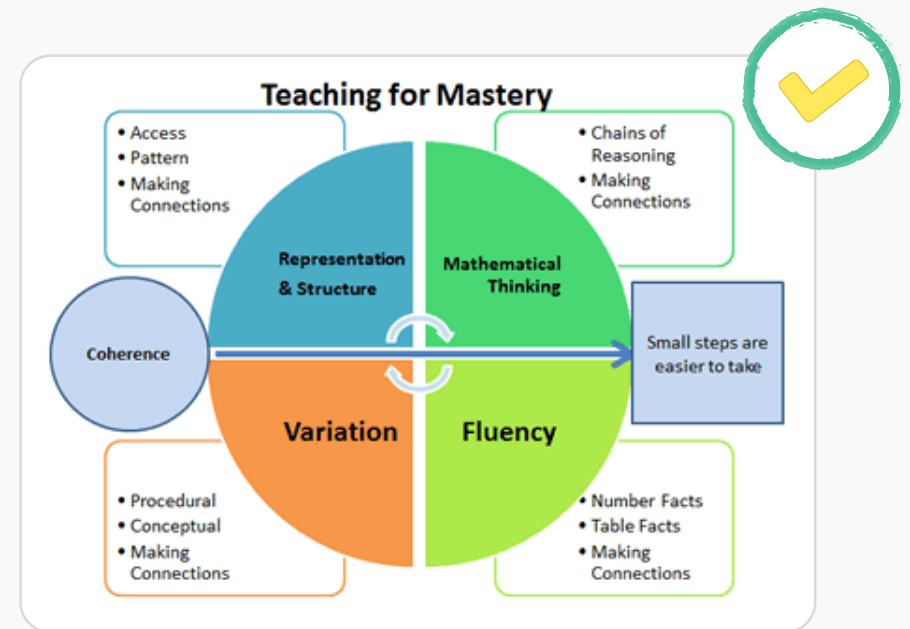
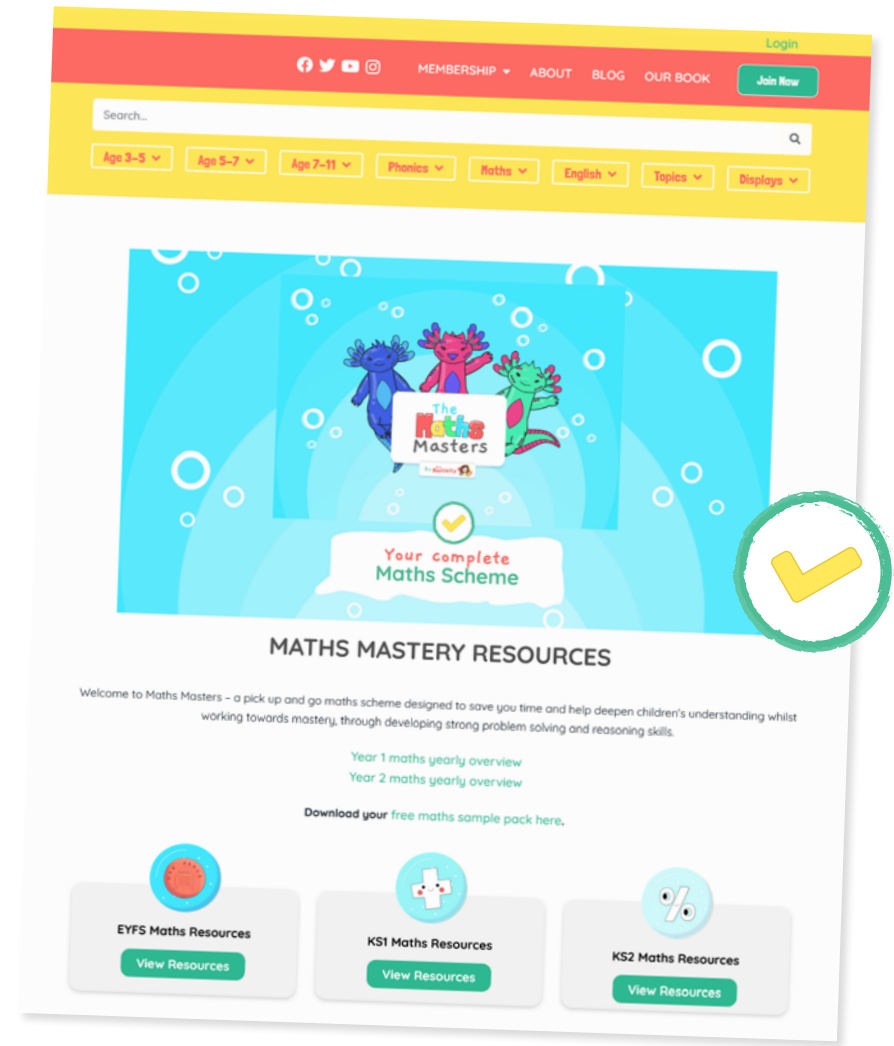


Image credit: <https://www.ncetm.org.uk/teaching-for-mastery/mastery-explained/five-big-ideas-in-teaching-for-mastery/>



## Features of Maths Masters

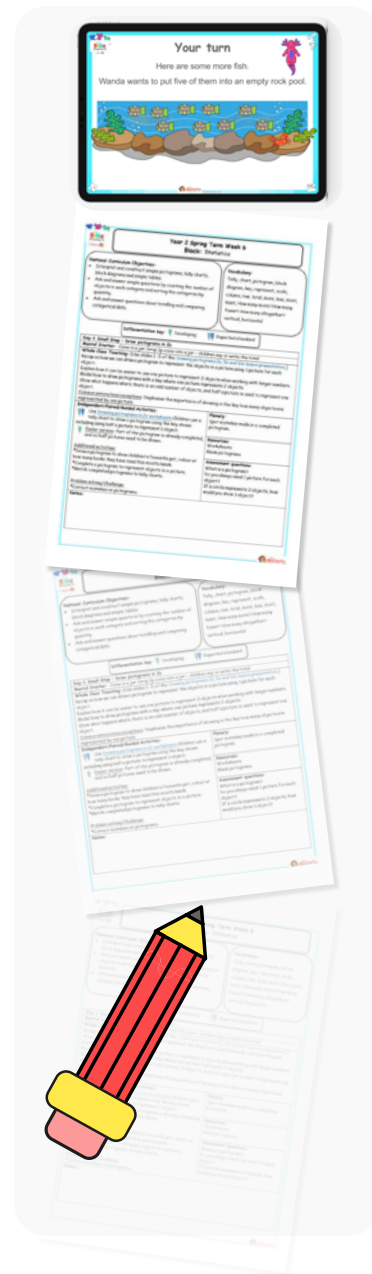
- ✓ Low prep - just download and go.
- ✓ Takes the Concrete-Pictorial-Abstract approach.
- ✓ Contains TAF statements, small steps and national curriculum links.
- ✓ Perfect for ECTs or experienced teachers in need of fresh ideas.
- ✓ Developed by a Primary maths expert with teachers in mind.
- ✓ Can be used on its own, or to complement your existing scheme.
- ✓ Includes everything you need to teach maths with ease including: lesson slides, editable planning, worksheets, activity cards, revision mats and assessments.
- ✓ Ideal for intervention groups.



# What's included...

## Lesson plans

- ✓ Editable weekly lesson plans that include an outline of that week's teaching activities.
- ✓ Contain vocabulary, small steps, and national curriculum links as well as assessment questions.
- ✓ Give advice on common misconceptions/typical errors.
- ✓ Ideas for further activities, problem solving and challenges for fluency and variation.
- ✓ Comes complete with web links to some of the resources needed for each lesson - just click and go!
- ✓ Assessment prompts.



## Whiteboard lesson presentations

- ✓ Animated and editable, 'pick up and go' whiteboard lesson presentations to guide you through the learning and modelling.
- ✓ Contains TAF statements, small steps and national curriculum links.
- ✓ Can be used by teachers, teaching assistants and other support staff. The presentations come complete with teaching notes to help you deliver the lessons and explain each concept more fully.
- ✓ Fluency and problem solving activities.
- ✓ Assessment questions on the last slide.





# What's included...

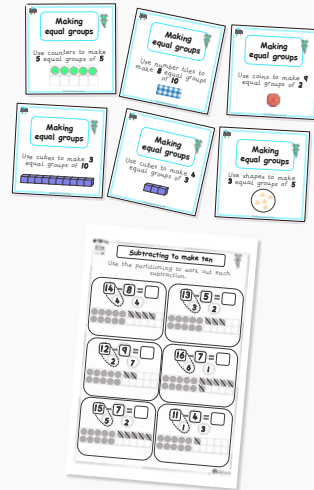
## Worksheets and activity cards



Differentiated worksheets that allow children to practise the modelled learning on the lesson presentation.



Activity cards that are perfect for provision areas, with practical tasks, that link to the modelled learning.



## End of unit assessments



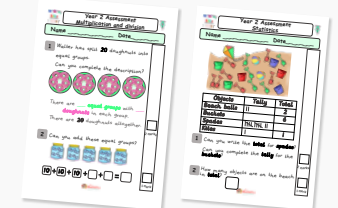
Maths assessment for the end of each block.



Set out like SATs papers to identify gaps in learning and help prepare children for the KS1 SATs.



Differentiated at two levels.



## Differentiated levels



Most of the resources are differentiated at two levels (aimed at those developing an understanding and those at the expected standard). Those at the developing level contain more scaffolding and visual prompts to support pupils.

Each lesson plan and presentation provides challenges and ideas for further problem solving activities.

There are plenty of opportunities to differentiate by working in a guided group, working collaboratively (such as in

mixed ability pairs), or by using concrete equipment such as cubes or number lines.

Plans are editable with a section for notes so that lessons and activities can be adapted to meet the needs of all pupils.

## Revision mats

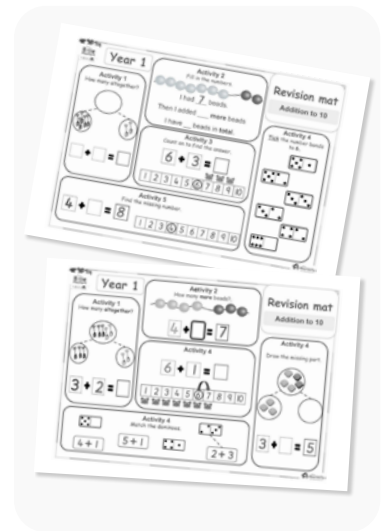
- assessment and consolidation



Differentiated revision mats that assess and consolidate that week's learning.



Also ideal for home learning, or as morning tasks.





# Maths Yearly Curriculum Overviews

## Year 1

## Yearly Overview

Year 1 Autumn Term

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Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
<b>Block 1</b> Place Value within 10				<b>Block 2</b> Addition and subtraction within 10				<b>Block 3:</b> Geometry: shape	<b>Block 4:</b> Place Value within 20		
• Sort up to 10 objects	• Count forwards to 10	• One to one correspondence	• Order up to 10 objects	• Introduce parts and wholes (single object)	• Fact families - addition facts	• Add together	• Subtract by taking away and crossing out	• Subtract by finding the difference	• Recognise and name 3D shapes	• Count and write numbers to 20	• Compare groups of objects
• Count objects to 10	• Count backwards from 10	• Compare up to 10 objects	• Order numbers up to 10	• Parts and whole (groups of objects)	• Find number bonds within 10	• Add more	• Subtract by taking away using the symbol	• Compare addition and subtraction statements	• Sort 3D shapes	• Represent numbers from 11 to 20	• Compare numbers
• Count objects from a group of 10	• Count one more within 10	• Introduce <, = and >	• Ordinal numbers	• Part whole model	• Number bonds to 10	• Add using number bonds	• Subtract by finding a part	• Compare addition and subtraction statements	• Recognise and name 2D shapes	• Tens and ones	• Order groups of objects
• Represent up to 10 objects	• Count one less within 10	• Compare numbers within 10	• The number line from 0 to 10	• Introduce the addition symbol	• Compare number bonds	• Find a part	• Fact families of 8 facts	• Subtract by counting back	• Sort 2D shapes	• Count one more and one less	• Order numbers
• Represent numbers to 10									• Patterns with 3D and 2D shapes		

## Year 2

## Yearly Overview

Year 2

Autumn Term

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Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Block 1 Place Value within 100				Block 2 Addition and subtraction within 100				Block 3 Measurement: money		Block 4 Multiplication and division	
<ul style="list-style-type: none"> <li>Count forwards and backwards within 20</li> <li>Tens and ones within 20</li> <li>Count forwards and backwards within 50</li> <li>Tens and ones within 50</li> <li>Compare numbers</li> </ul>	<ul style="list-style-type: none"> <li>Count objects to 100</li> <li>Read and write numbers to 100</li> <li>Represent numbers to 100</li> <li>Tens and ones using a part-whole model</li> <li>Compare numbers</li> <li>Order objects and</li> </ul>	<ul style="list-style-type: none"> <li>Add with tens and ones</li> <li>Use a place value chart</li> <li>Compare objects</li> <li>Compare numbers</li> <li>Order objects and</li> </ul>	<ul style="list-style-type: none"> <li>Count in 2s</li> <li>Count in 5s</li> <li>Count in 10s</li> <li>Count in 3s</li> </ul>	<ul style="list-style-type: none"> <li>Fact families to 20</li> <li>Check calculations</li> <li>Compare number sentences</li> <li>Number bonds within 10</li> <li>Related facts (ones and tens)</li> </ul>	<ul style="list-style-type: none"> <li>Bonds to 100</li> <li>Add and subtract ones</li> <li>Ten more and ten less</li> <li>Add and subtract tens</li> <li>Add by making ten</li> </ul>	<ul style="list-style-type: none"> <li>Add a 2-digit and 1-digit number (crossing ten)</li> <li>Subtract (crossing ten)</li> <li>Subtract a 1-digit from a 2-digit number (crossing ten)</li> </ul>	<ul style="list-style-type: none"> <li>Add two 2-digit numbers (not crossing ten)</li> <li>Add two 2-digit numbers (crossing ten)</li> <li>Subtract two 2-digit numbers (not crossing ten)</li> <li>Subtract two 2-digit numbers (crossing ten)</li> </ul>	<ul style="list-style-type: none"> <li>Find and make number bonds within 20</li> <li>Number bonds to 100 (tens and ones)</li> <li>Add three 1-digit numbers</li> </ul>	<ul style="list-style-type: none"> <li>Count money in pence</li> <li>Count money in pounds</li> <li>Count money in pounds and pence</li> <li>Make an amount of money</li> <li>Make the same amount</li> </ul>	<ul style="list-style-type: none"> <li>Compare money</li> <li>Find the total</li> <li>Find the difference</li> <li>Find change</li> <li>Solve two-step money problems</li> </ul>	<ul style="list-style-type: none"> <li>Make equal groups</li> <li>Make unequal groups equal</li> <li>Add equal groups</li> <li>Make arrays</li> </ul>

Year 2 Yearly Overview

MyActivity.co.uk



Want to see more?  
Download [your free sample pack](#)  
of our maths mastery resources.

