Year 2

At home materials

Task Bank
What is ‘Mastery’?
The ‘mastery approach’ to teaching mathematics is the underlying principle of Mathematics Mastery. Instead of learning mathematical procedures by rote, we want your child to build a deep understanding of concepts which will enable them to apply their learning in different situations. To achieve this we aim to develop pupils’ Conceptual Understanding, Mathematical Thinking and Language and Communication (see diagram).

Central to learning mathematics

Making conjectures, trying out specific examples, organising, comparing, looking for patterns and generalising

Representing concepts using objects, pictures, words and symbols; making connections

Explaining, justifying and discussing using accurate mathematical language

Mathematical thinking

Mathematical problem solving

Conceptual understanding

Language & communication

Success for all
At school we believe all pupils can achieve success in maths. We encourage pupils to have a belief that effort leads to success and that challenges are opportunities to learn.

Here are a few tips to encourage your children at home with maths:

✓ Talk to your children about everyday maths  
✓ Play games with them  
✓ Value mistakes as learning opportunities  
✓ Recognise that there is more than one way to work things out  
✓ Praise children for effort over outcome  
✓ Avoid saying things like “I’m useless at maths”
Ideas for Depth

We have developed ten ideas that challenge pupils to develop a depth of understanding within a concept and build up habits of thinking mathematically. Each of the ten ideas is represented by a picture or symbol and you will see these throughout the task bank. Each is explained below.

‘Reason it’
Explain how you know. Remember to use the star words!

‘Show me!’
Build something to convince me that you are right.

‘What’s wrong with this?’
Can you explain what is wrong with this and correct the error?

‘What’s the same? What’s different?’
Describe as many things as you can.

‘Have you found all possibilities?’
Is there more than one way of completing this? Is there more than one answer? Have you found them all?

‘Draw it’
Draw a picture to explain or demonstrate what you have worked out.

Maths story’
Make up a real-life story using your equation/numbers or shapes. Try to use the star words.

‘What’s the question?’
If this is the answer, what could the question have been?

‘Odd one out’
Find an odd one out and explain why it doesn’t fit. Does your partner agree with you? Could another one be the odd one out? Why?

Find a pattern’
Can you see a pattern? Continuing this pattern, what would happen if...? What came before? What comes next? Explain how you know.
Task banks are organised by the following topics and we recommend exploring one topic per week.

**Week 9: Measures – Temperature, capacity and volume**

**Week 10: Measures – Mass**

Aim to complete one task per day. There is a range of tasks to choose from each week.