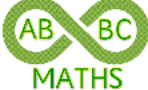


# Mastering number and calculation in Years 1 and 2

<b>Brief Overview:</b>  <b>Varied fluency</b>	This course will consider: <ul style="list-style-type: none"> <li>• What are the big ideas of mastery?</li> <li>• What are the features of mastery in the context of place value and money?</li> <li>• How can we ensure mastery for the majority of learners?</li> <li>• How do we ensure challenge for our most able?</li> <li>• Deepening mathematical thinking, through reasoning and problem solving</li> <li>• The use of representations - <b>CPA</b> (Concrete, Pictorial, Abstract)</li> </ul>	
<b>Facilitators:</b> 	<b>Name</b>	<b>School</b>
	Rebecca Chandler, AHT & SLE specialising in mathematics	Parkgate Primary School
	Andrea Blundred, AHT & SLE specialising in mathematics	Parkgate Primary School
<b>Who is it suitable for:</b>	Teachers of years 1 and 2	
<b>What is the intended impact for you?</b> <b>What will you take away with you? e.g. resources, learning points etc.</b>	This course will provide: <ul style="list-style-type: none"> <li>• Enhanced understanding of mastery in the context of number and calculation</li> <li>• Stepped guidance to ensure variation of practice</li> <li>• Achieving depth – including explaining thinking when reasoning</li> <li>• Heightened understanding of the role representations have to aid conceptual understanding</li> </ul> <b>Practical ideas and resources</b> incorporated throughout the session to take away and sent electronically, enabling participants to incorporate ideas immediately into classroom practice or adapt as required.	
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<b>Costs:</b>	£80	

Sessions	Date	Time	Venue	Brief Outline
Session 1	30.1.20	9.00 – 12.00	EIC building Sidney Stringer	Understanding mastery and how to sequence learning and task design; moving from developing conceptual understanding to fluency practice and application through problem solving and reasoning tasks, in number and calculation.