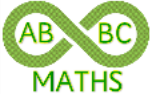


Mastering number and calculation in Years 3 and 4

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|--|--|-------------------------|
| Brief Overview: Varied fluency | This course will consider: <ul style="list-style-type: none"> • What are the big ideas of mastery? • What are the features of mastery in the context of number and calculation? • How can we ensure mastery for the majority of learners? • How do we ensure challenge for our most able? • Deepening mathematical thinking, through reasoning and problem solving • The use of representations - CPA (Concrete, Pictorial, Abstract) | |
| Facilitators:  | Name | School |
| | Rebecca Chandler, AHT & SLE specialising in mathematics | Parkgate Primary School |
| | Andrea Blundred, AHT & SLE specialising in mathematics | Parkgate Primary School |
| Who is it suitable for: | Teachers of years 3 and 4 | |
| What is the intended impact for you? What will you take away with you? e.g. resources, learning points etc. | This course will provide: <ul style="list-style-type: none"> • Enhanced understanding of mastery in the context of number and calculation • Stepped guidance to ensure variation of practice • Achieving depth – including explaining thinking when reasoning • Heightened understanding of the role representations have to aid conceptual understanding Practical ideas and resources incorporated throughout the session to take away and sent electronically, enabling participants to incorporate ideas immediately into classroom practice or adapt as required. | |
| Contact: | Claire Adams | |
| Teaching School: | President Kennedy Teaching School Alliance | |
| Tel: | 024 76637381 | |
| Email: | ABBCmaths@outlook.com | |
| Costs: | £80 | |

| Sessions | Date | Time | Venue | Brief Outline |
|-----------|----------|--------------|---------------------------------|---|
| Session 1 | 17.10.19 | 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. |