



## Achieving Greater Depth in Mathematics in Years 3 & 4

### Course Details

**Date:** 7<sup>th</sup> December 2023

**Venue:** Online (Zoom)

**Time:** 09:15-11:45

**Cost:** £60 per delegate

**Course Leader:** Vanessa Brown

### Overview of Training:

The National Curriculum for Mathematics aims to ensure that all learners: become fluent in the fundamentals of mathematics, reason mathematically by thinking about relationships and can solve problems by applying their mathematics to increasingly complex problems. This session is designed to develop a deep conceptual understanding of learners' mathematical reasoning. We will also explore the importance of effective questioning in developing these skills since the quality and variety of language that learners hear and speak are key factors in developing their mathematical vocabulary and presenting a mathematical justification, argument or proof. We will discuss strategies for learners to make their thinking clear to themselves as well as others.

### Course Content:

- gain an understanding of how to facilitate reasoning within your classroom;
- encourage higher order questioning in Mathematics for learners to 'master' the curriculum;
- become familiar with the language of reasoning and how to promote this in mathematics so that learners can express themselves mathematically;
- explore strategies to ensure depth for all learners including recording and scaffolding.

Bookings can be made at [www.teachcr.com](http://www.teachcr.com) and further course information is available by contacting [enquiries@teachcr.com](mailto:enquiries@teachcr.com)