Knowing Mathematics: Calculating with fractions

Educator Solutions

Is fractions a reoccurring concept of mathematics that your children find tricky?

Do you know how to develop conceptual understanding for this KS2 question:

$$\frac{4}{6} \times \frac{3}{5} =$$

Course Outline

This training progresses from the knowledge which will explore different representations for fractions. You will understand how to build on this approach to enable learners to visualise the calculation of fractions whilst recognising the part whole or linear relationships.

By the end of the course participants will:-

- use concrete and visual representations of fractions to calculate with all four operations
- challenge the key misconceptions about teaching tricks for fraction calculations
- make connections between fractions and multiplicative reasoning and proportionality
- be given opportunities to experience new mastery approaches to the teaching of calculating with fractions.

Phase
Primary

Audience
Subject Leader,
Middle Leader,
Class Teacher, NQTs,
Returners to Teaching

Trainer
Rebecca Crabtree
Educator Solutions
Associate

Date
10/11/2017

Time
1:30 pm - 4:30 pm

Venue
Norwich Professional
Development Centre

Cost
£90 per delegate

Course Ref
TLS-1117-T035

For more information and to make a booking
www.educatorsolutions.org.uk or **call 01603 307710**