# Mathematics Toolkit: Fluency +

## Educator Solutions

Fluency in mathematics is one of the tools we need to enable powerful mathematics learners.

### **Course Outline**

This training day builds on the highly successful Toolkit: fluency, reasoning and problem solving and delves deeper into what fluency in mathematics is and how we can teach it to children. While mathematical facts are important there is more to mathematics than just being able to recall information. As educators we share the goal of encouraging learners to think carefully about the mathematics they do, yet evidence shows us that too many learners are damaged through the pressure of having to learn mathematics facts under pressure or rely on memorising facts rather than understanding them. There is another way.

## By the end of the course participants will:-

- have an excellent knowledge of what fluency is and how to teach it.
- have a toolkit of activities to try back in school with learners.

### **Phase**

Primary and Secondary

### **Audience**

All staff

### **Trainer**

Alison Borthwick

### Date

24/02/2017

### **Time**

9:30 am - 4:00 pm

### Venue

Norwich Professional Development Centre

### Cost

£165 per delegate

This course can be delivered in clusters or to individual schools as a twilight.

Please contact enquiry@educatorsolutions.org.uk to discuss and plan cluster options.

### **Course Ref**

TLS-0217-T009

