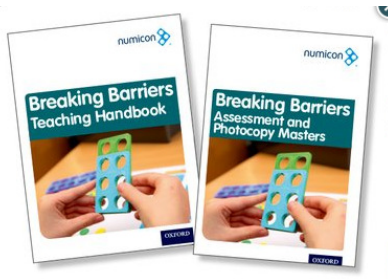


# Breaking Barriers – Numicon

## Why do some young learners find mathematics so tricky?

### Course Outline

*Numicon* is research-based and proven to have a significant and lasting impact on results. This professional development will explore the Breaking Barriers Teaching Handbook (OUP), immerse delegates in some of the activities whilst considering how to implement this programme for the greatest impact for individual children that enter Ikey stage two with significant difficulties in Mathematics. Activities are supported by easy to follow instructions and clear illustrations of how to use concrete manipulatives such as *Numicon* to support learning.



The programme will be structured as a day and a half day follow up to support implementation and impact.

### By the end of the programme delegates will:

- identify the significant barriers in a child's understanding of Mathematical big ideas and structures
- explore how Mathematics involves abstract ideas that can be represented conceptually
- experience how Mathematics involves patterns, making generalisations to reveal mathematical relationships that children can't always see first time
- familiarise themselves with the Breaking Barriers resource.

**Phase**  
Primary

### Audience

Teaching Assistants  
KS2 Class teachers  
Subject Leader  
SENCO

**Trainer**  
Anna Hogg

### Dates and Time

20/04/2018  
from 09:30 – 16:00  
04/05/2018  
from 09:00 – 12:00

**Delegates must attend both sessions**

### Venue

Norwich Professional  
Development Centre

### Cost

£250 per delegate

### Course Ref

TLS-1117-T031



For more information and to make a booking

[www.educatorsolutions.org.uk](http://www.educatorsolutions.org.uk) or call 01603 307710