**Closing the attainment gap in Scotland**

**Numicon**

*Numicon* is a multi-sensory and active teaching approach using real-life contexts, concrete objects and conversation to build a sound understanding of maths for all children in P1 to S1. Children with special educational needs and disabilities, as well as those working below age-related expectations are supported by *Numicon* Breaking Barriers resources. These specially designed resources accelerate the progress of the children who need the most support.

All *Numicon* resources are supported by NCETM (National Centre for Excellence in the Teaching of Mathematics) accredited professional development.

---

**Why is *Numicon* suitable for schools in Scotland?**

- Uses a proven approach to improve attainment in numeracy
- Incorporates effective assessment so every child is taught at the right level
- Provides a clear record of progress for every child
- Engages parents and helps them support their child’s learning
- Supports every teacher with comprehensive professional development

**Is *Numicon* available throughout Scotland?**

*Numicon* resources are available throughout Scotland. Your local Educational Consultant can advise you on the most suitable resources to meet the needs of your school (see overleaf for contact details).

---

**What impact has *Numicon* had on schools in Scotland?**

**North Lanarkshire**

Along with two partner authorities, North Lanarkshire Council use *Numicon* in many of their primary schools to support children with their numeracy and maths development.

“A bright, colourful multi-sensory resource which facilitates children’s understanding and enjoyment of maths through structured imagery which plays to their strong sense of pattern and colour. *Numicon* has it all. The resource can be adapted to suit all ages and stages of learners from Nursery through to Second Level. Less colourful tiles are also available for ASN children or learners who are too cool for bright colours… I have yet to meet a P7 who has protested at using bright tiles!

We have now trained hundreds of staff from early years, primary, secondary and special educational establishments. Training for support staff and ASNAs is in place and training for parents has been provided through individual establishments and through our recent North Lanarkshire Learning Festival.

The results speak for themselves with some of our most deprived learners having their light bulb moments and building firm foundations to their success in number and beyond. Some of our teaching staff say that *Numicon* has transformed their own thinking and that their teaching has changed for the better.”

Tracey McCulloch, Principal Teacher, Education Support Officer – Numeracy and Mathematics, North Lanarkshire Council
Resource costs

Easy-buy teaching and assessment packs for each primary group cost £280 for Number, Pattern and Calculating and £160 for Geometry, Measurement and Statistics. Numicon apparatus packs support the teaching and assessment packs, and start from £289.

Numicon Breaking Barriers, specifically for children working below age-related expectations, costs just £145 for the teaching pack and from £249 for the supporting apparatus.

Numicon Big Ideas, a programme of additional sessions for children not meeting age-related expectations at the end of Primary or beginning of Secondary, costs just £150 for the teaching pack.

Your local Educational Consultant can advise you on the most suitable resources to meet the needs of your school.

Professional Development costs

All Numicon resources are supported by NCETM (National Centre for Excellence in the Teaching of Mathematics) - accredited Continuing Professional Development (CPD).

Numicon Introductory Packages for Whole School Implementation start at £1,052.

Leading the Numicon Intervention Programme starts at £499.

More information about Professional Development can be found at: www.oxfordprimary.co.uk/numicon-pd or by contacting your local educational consultant.

Prices valid until 31st December 2015. Prices correct at time of going to press. All prices subject to change without notice.

Find out more about the Scottish Attainment Challenge support and funding to help close the attainment gap at: http://www.educationscotland.gov.uk/inclusionandinequalities/sac/index.asp

Next steps...

Make an appointment with your local Educational Consultant, who will be happy to:

- Advise you on the resources you need to meet the exact requirements of your school.
- Provide a demonstration of resources.
- Recommend schools using Numicon resources and how to contact them.

Claire Clifton
07796 195162
claire.clifton@oup.com
Dumfries & Galloway
East Ayrshire
East Lothian
East Renfrewshire
Edinburgh
Midlothian
Scottish Borders
South Ayrshire
South Lanarkshire
West Lothian

Catherine McGoldrick
07979 953045
catherine.mcgoldrick@oup.com
Argyll & Bute
City of Glasgow
East Dunbartonshire
Highland
Inverclyde
North Ayrshire
North Lanarkshire
Orkney Islands
Renfrewshire
West Dunbartonshire
Western Isles

Valerie Walker
07766 496944
valerie.walker@oup.com
Aberdeen City
Aberdeenshire
Angus
Clackmannanshire
Dundee City
Falkirk
Fife
Moray
Perth & Kinross
Shetland Islands
Stirling

Oxford School Improvement