At Glyncollen Primary School, Numicon is the main framework for teaching numeracy from Foundation Stage to Year 3.

Teachers of Years 4, 5 and 6 use Numicon ‘to represent concepts visually’, helping children with a range of challenging concepts, including fractions, percentages, ratio, proportion and probability.

Suzanne Hamilton, Deputy Head Teacher, describes Numicon as a ‘multi-sensory approach to developing an understanding of numerical concepts.’

What was the impact of the Numicon Intervention Programme for struggling learners?

Intervention groups at Glyncollen Primary ‘use Numicon to develop basic number skills and as a means for addressing misconceptions.’ These groups are ‘set from a range of assessment data and their progress closely tracked and monitored.’ Suzanne notes that, with Numicon, these ‘targeted groups showed a significant increase in basic skills.’

What overall impact has Numicon had on maths learning?

Glyncollen have found that Numicon ‘engages and enthuses children.’ Suzanne notes ‘a change in dispositions of learning numeracy’ in the school with Numicon, adding that ‘children say that they enjoy number now.’

Suzanne describes the way that ‘the children thoroughly enjoy using Numicon.’ Importantly, she adds that they ‘enjoy talking about the things they’ve done’, demonstrating their developing reasoning and problem-solving skills.

What do teachers think of Numicon?

The staff at Glyncollen ‘have adopted the approach enthusiastically and training has been undertaken.’ What’s more, the school has run parents’ sessions, which Suzanne explains are to ‘ensure that there is a collaborative approach to teaching.’

This case study has been published with kind permission and help from Suzanne Hamilton, Glyncollen Primary School.

Find out more at: www.oxfordprimary.co.uk