

Shanghai Mastery

## What's it All About?



### Intelligent Practice From Shanghai

A new course designed by 'Archimedes NE' to explore the 'mastery' phenomenon.

'What is Mathematics?' aims to develop an excellent understanding of mathematics by:

- Focusing upon successful strategies implemented in the Far East
- Building on the best practice in the UK
- Explore Work conducted by NCETM
- What is lesson design?

“ *The teachers explain things really well, and when I have found things tricky, I have had extra help.* ”

It promises to be an exciting course where practitioners will have many and varied opportunities to reflect upon current thinking and best practice leading to reflective practice within the mathematical classroom.

### Course Content

There are 4 components to the course: Mastery and Fluency, concrete, pictorial and abstract methodology, Collaboration, mathematical understanding and marking and feedback. Each unit will be delivered within a specific topic with opportunities to create resources for use in the classroom.

There are two gap tasks within the course to challenge and reflect upon practice in school. First task is based upon – concrete, pictorial and abstract philosophy; while the second task is focused around 'basic skills' provision in school.

This is an exciting and creative opportunity for teachers across the North East to make a significant impact to their teaching, raising standards in mathematics and improving the opportunities for young people as they face the challenges of a globally changing workplace.

**Venue:** Carmel College Darlington—

**Date:** Tuesday 17th November 9.00—3.30 (Day 1)

(Day 2)

(Day 3)

**Cost:**



Concrete  
Pictorial  
Abstract