

# Computing – the New National Curriculum (Group 2)

**Aim:** This practical course is designed to ensure that leaders in ICT and class teachers feel confident in teaching and preparing their school for the new computing curriculum.

**Target: ICT/computing leaders**

**Denise Gray**, who is the Director of Gray IT Ltd, has worked in school improvement, leading in ICT, for 17 years. In that time she worked with pupils, parents and educators across all phases of education. She believes that the use of technology in modern life requires us to provide opportunities in education to develop the skills of today's youngsters to ensure their successful futures.

## Day 1: Analysing

**Session 1:** Creating and debugging the new curriculum. A practical look at the new curriculum, its expectations and progression. Understanding the terminology – exactly what is an algorithm?

**Session 2:** Demystifying coding: A hands on look at the technologies and resources that will help with the delivery of the new computing curriculum. This will include strategies to help with the delivery of coding.

## Day 2: Variables

**Session 1:** Keeping up with the kids....What digital resources should we invest in to ensure that we teach children how to use technology effectively and keep up with technology used in the real world. Using relevant technology to enhance teaching and learning.

**Session 2:** E safety – in an ever changing technological world, what can we do to help ensure that children are cybersafe?

## Day 3: Debugging

**Session 1:** Computing across the curriculum; opportunities for making links in other subjects and using technology as a powerful learning tool.

**Session 2:** Going live ... Creating a plan of action to successfully coordinate the implementation of the new curriculum in your own school.

## Dates:

8<sup>th</sup> May 9.30am – 4pm

21<sup>st</sup> May 1pm – 4pm

6<sup>th</sup> June 9.30am – 4.00pm

## Venue:

Hillingdon Primary School,  
Uxbridge Road  
UB10 0PH

01895 671970

Lunch provided on full days

(Please note parking is only available in surrounding residential streets.)