

Mark Dorling

www.markdorling.net

Mark has a first-class computing degree and is a primary-trained teacher with many years of both primary and secondary teaching, lecturing (teacher training), commercial educational training and industry experience. He has taught in both all ability and selective schools, leading the introduction of Computing across all school key stages several years ahead of government changes.

Mark has earned a reputation for being at the cutting edge of Computing education and is probably best known for founding the Digital Schoolhouse project, authoring Compute-IT for Hodder Education as well as leading various national projects for the Computing At School group funded by Department for Education.

More recently, Mark was the Computing Lead for the successful Ian Livingstone Free Schools bid team and later this role developed into a Trust Wide Director of Computing position for the Aspirations Academies Trust.

Mark is currently studying for a PhD in Computing Education at Queen Mary University of London.

Mark's work has gained him national and international recognition via the [Royal Society Report publication 'Shutdown or restart'](#) in 2012, winning a [Times Educational Supplement \(TES\) Award in 2013](#), [Informatic Europe: Best practice in Education Award in 2014](#), and was a [BETT Award Finalist in 2015, 2016 and 2017](#) through various projects he's worked on.

Mark is also an accomplished public speaker giving keynotes and workshops around the world on Computing education. Video examples of this talks can be found on his website.

Overview:

In 2008, Mark established and lead a cross phase (Primary to Secondary) transition project focused on the teaching of Computing called the [Digital Schoolhouse](#) at Langley Grammar School. He later used this success to co-lead the bid with UKIE to the Mayor of London Excellence Fund to roll the Digital Schoolhouse project out across 10 schools in London. Mark has rejoined the Digital Schoolhouse project 2016 to co-lead it's roll out nationally to 21 organisations (schools, colleges and universities) across England, and this impact was recognised at the BETT Awards 2017 as a finalist in the innovation category.

Mark is former founding Board Member of the Computing At School (CAS) group and whilst employed by CAS as their National CPD Coordinator he was responsible for leading the [DfE funded CAS Master Teacher programme](#), taking the idea from its initial conception through to 10 Regional Centres and 380+ Master Teachers.

Mark has worked with [Cambridge International Examinations](#) and lead on the development of a number of international Computing publications. He used his international experience at every stage of the Department of Education curriculum consultation, playing a leading role in developing the 2014 [Computing Programmes of Study](#). Mark gave evidence to, and was involved in the Department for Education consultation on 'Assessment without levels'.

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More recently, Mark has been supporting Hong Kong Education City and their Education Bureau.

In 2012, Mark used his teaching experience in the Digital Schoolhouse and at Langley Grammar School to begin architecting, co-authoring and co-editing the best selling [Hodder Education Compute-IT](#) series for Key Stage 3 which was published in 2014, and was a BETT Awards finalist in 2015. As part of this, Mark lead the development of the highly popular [CAS Computing Progression Pathways](#) framework, and he was the founding member of the Computing At School [computational thinking guidance for teachers](#) working group and in 2016 developed the Aspirations Academies Trust Computational Thinking Attitudes and Dispositions Rubric. Over the years, Mark has also contributed chapters to several educational books for teachers and written numerous academic research publications. In 2015, due to Mark's teaching and publishing experience, he was selected by the Department for Education (in collaboration with BESA and The Publishers Association) to sit on the working group to develop guidelines for educational textbooks as well as supporting a similar EdTech initiative in 2017 coordinated by the same organisations.

In 2013, the cross and creative curricular approach developed by Mark in the Digital Schoolhouse was used as the justification in the bid to develop the highly popular and successful [CAS Barefoot Computing project](#) funded by the Department for Education. In 2014, Mark architected and co-authored the [QuickStart Computing CPD resources for Secondary Schools](#) sponsored by the Department for Education and Microsoft, which was published in January 2015 at BETT, and was a BETT Awards finalist in 2016.

In 2016, Mark collated and published a series of free, impartial and marketing [free Computing FAQ Guidance](#) for the Digital Schoolhouse which then formed the basis for the UKIE and Education Foundation collaboration to write [A guide to support Senior Leaders with embedding the new computing curriculum into schools](#) which was part of the "launch to learn" project supported by the Mayor of London and Department for Education.