

Mark Dorling

www.markdorling.net

Employment:

Current:

Jan 2017 – present: *Director of CPD*, [Digital Schoolhouse](#) Trust delivered through UKIE

Sep 2016 – present: *Computing Course Leader*, Harris Federation Initial Teacher Education through Schools Direct in Association with Institute for Education

Sep 2015 – present: *Independent education consultant, trainer and public speaker*

Previous:

Feb 2016 – Apr 2017: *Computing Lead* for [Livingstone Free School](#) and later *Trust Wide Director of Computing*, Aspirations Academies Trust

Sep 2012 – Sep 2015: *National CPD Coordinator for Computing At School (Funded by Department for Education)*, The BCS The Chartered Institute for IT

Sep 2010 – Dec 2016: *Paid Visiting and Guest Lecturer*, 25+ Primary and Secondary Initial Teacher Education Providers (Universities, Teach First and Schools Direct)

Aug 2008 – Sep 2013: *Founder and Coordinator*, [Digital Schoolhouse](#) Trust delivered through Langley Grammar School

Aug 2008 – Sep 2012: *Teacher of Computing responsible for Key Stage 3*, Langley Grammar School

Oct 2007 – Aug 2008: *Teacher of ICT*, Ruislip High School

Sep 2003 – Sep 2005: *Business Information Systems and Processes Manager*, Kelsi Ltd.

Relevant Volunteering:

Current:

Dec 2016 – Present: *Working group for EdTech guidance*, Department for Education in collaboration with BESA

May 2016 – Present: *Education Advisory Board*, [Innovate My School](#)

Sep 2013 – Present: *Founder & Board of Management*, [Digital Schoolhouse](#) Trust through UKIE

Judging:

2017: *Judge*, Education Resource Awards

2017: *Judge*, BETT Awards

Previous:

Jun 2015 – Dec 2016: *Working group for assessment*, [Computing At School](#)

Jun 2015 – Jul 2015: *Working group for guidelines for educational textbooks*, Department for Education in collaboration with BESA and The Publishers Association

Sep 2014 – Nov 2015: *Working group for Computational Thinking*, [Computing At School](#)

Jan 2014 – Dec 2014: *Expert group setup to support teachers and teacher educators in the transition to the new computing curriculum*, Department for Education

Sep 2012 – Sep 2013: *Expert Panel responsible for reviewing and redrafting of the ICT curriculum*, Department for Education in collaboration with The BCS, The Chartered Institute for IT and Royal Academy of Engineering.

Mar 2011 - Mar 2012: *Working group recommending [a computer science curriculum for schools](#)*, Computing At School

Sep 2010 – Sep 2014: *Board of Management*, [Computing At School](#)

Education and qualification:

Current:

Sep 2015 – present: *PhD in Computing Education*, Queen Mary University of London

Previous:

Sep 2010 – Sep 2011: *Leadership Pathways*, National College of School Leadership

Sep 2009 – Sep 2010: *Stage Three Qualification*, General Teaching Council

Sep 2005 – Sep 2006: *PGCE Primary Education*, Brunel University

Sep 1999 – Jun 2003: *BSc (Hons) First Class in Computer Information Systems Design*, Kingston University

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Awards and Recognition:

2017: *Digital Schoolhouse* was a Finalist for Innovation in ICT Award, [BETT Awards](#)
2016: Awarded Education Fellowship, [MirandaNet](#)
2016: *Computing At School QuickStart Computing* was a Finalist for Free Digital Content/Open Educational Resources – content suite, [BETT Awards](#)
2015: *Compute-IT* was a Finalist for Best whole course curriculum content, [BETT Awards](#)
2014: Part of the management team that won the Best Practice in Education Award, [Informatics Europe](#) - The Association of Computer Science Departments and Research Laboratories in Europe
2014: Awarded Professional Fellowship (FBCS), The [BCS, The Chartered Institute for IT](#)
2013: Winner of best Computing Department, [The Times Educational Supplement](#) (TES)
2013: Highly commended for *Computing Innovation*, The Education and Business Awards
2012: *Digital Schoolhouse* was a case study showing an example of best practice in the *Shutdown or Restart? Report*, The [Royal Society](#)
2010: UK winner and European finalist of e-Learning Awards: [ENISA & European Schoolnet](#)
2003: Best overall grades of an undergraduate student, Kingston University Faculty of Technology
2003: Best final year project from an undergraduate student, Kingston University Faculty of Technology.

Publications:

Dorling, M., (2016). *Coder Breakers : Dpef Csfblfst*. In: Caldwell, H., and Smith, N., ed. *Teaching Computing Unplugged in Primary School*. London: Sage.

Dorling, M., and Woollard, J. (2015). *Planning and assessing computing and computational thinking*. In: Allsop, Y., and Sedman, B., ed. *Primary Computing in Action 2015*. John Catt Education Ltd. P: 163-184.

Dorling, M. (2015). *Networks and communications*. In: Williams, M. ed. *Introducing Computing: A guide for teachers*. Oxon: Routledge. P:107-120.

Dorling, M., and Rouse, G ed. (2014). *Compute-IT Series (Teacher and Student books)*. London: Hodder Education.

Dorling, M. (2014). *Embedding computational thinking: moving from graphical to text-based languages*. In: Bird, J., Caldwell, H., and Mayne, P. ed. (2014). *Lessons in Teaching Computing in Primary Schools*. London: Sage. P:130-144.

Other education publications:

Dorling, M., and Stephens, T., (2016) *Computational Thinking Rubric: Dispositions, Attitudes and Perspectives*. Available at: <http://community.computingschool.org.uk/resources/4793>

Dorling, M., and Saeed, S., (2016), *Digital Schoolhouse Computing FAQs*. Available at: www.computingfaqs.net

Chambers, M., Dorling, M., Fordham, I., and Saeed, S. (2015), *A guide to support Senior Leaders with embedding the new computing curriculum into schools, funded by Mayor of London*. Available at: www.computingguide.org

Computing At School (2015), *Architected and co-authored: QuickStart Computing funded by Department for Education*. Available at: <http://www.quickstartcomputing.org>

Curzon, P., Dorling, M., Ng, T., Selby, C., Woollard, J. (2015). *Computational thinking a guide for teachers Version 2*. Available at: <http://community.computingschool.org.uk/resources/2324>

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Dorling, M. and Ng, T. (2014). *Standardised CPD (Teacher Training) course for developing computational thinking and an updated OFSTED lesson observation form with question prompts (with exemplar lesson feedback)*. Available at: <http://community.computingschool.org.uk/resources/2687>

Dorling, M., and Tunland, C. (2014). *Networks and communications unplugged*. Available: <http://community.computingschool.org.uk/resources/2528>

Computing At School. (2013). *Computing AT School Secondary National Curriculum Guidance funded by Department for Education and Raspberry Pi*. Available at: http://www.computingschool.org.uk/data/uploads/cas_secondary.pdf

Dorling, M. (2013). *CS Unplugged: Databases unplugged*. Available at: <http://csunplugged.org/databases>

Peyton-Jones, S., and others. (2012). *Computing At School, Non-statutory curriculum: Computer Science: A curriculum for schools*. Available at: <http://www.computingschool.org.uk/data/uploads/ComputingCurric.pdf>

Academic papers:

Dorling, M., Selby, C., and Woollard, J. (2015). [*Evidence of Assessing Computational Thinking*](#). IFIP 2015, A New Culture of Learning: Computing and Next Generations. Vilnius, Lithuania.

Cernochova, M., Dorling, M., and Williams, L. (2015) *Developing computational thinking skills through the Literacy from Scratch project: An Education collaborations between the Czech Republic and the UK*. IFIP 2015, A New Culture of Learning: Computing and Next Generations. Vilnius, Lithuania.

Dorling, M., and White, D. (2015). [*Scratch: A Way to Logo and Python*](#). SIGCSE 2015, Proceedings of the 46th SIGCSE technical symposium on Computer science education. Kansas City, Missouri, USA: ACM.

Sentance, S., Dorling, M., and Humphreys, S. (2014). *The Network of Teaching Excellence in Computer Science and Master Teachers*. WiPSCE 2014, 9th Workshop in Primary and Secondary Computing Education.

Sentance, S., Dorling, M., and NcNicol, A. (2013): [*Computer Science in secondary schools in the UK: Ways to empower teacher*](#). ISSEP 2013, Proceeding of the 6th International Conference on Informatics in Schools: Situation, Evolution, and Perspectives - Springer-Verlag Lecture Notes in Computer Science Volume 7780, 2013, pp 15-30.

Sentance, S., Dorling, M., NcNicol, A., and Crick, T. (2012). [*Grand challenges for the UK: upskilling teachers to teach computer science within the secondary curriculum*](#), WiPSCE '12, Proceedings of the 7th Workshop in Primary and Secondary Computing Education (Pages 82-85).

Dorling, M., (2012) [*The Teaching of Relational Databases and Structured Query Language \(ISBN 978-1-907207-57-0\)*](#). HEA 2012, The Higher Education Academy: Information & Computer Systems

Dorling, M., (2011) [*The Teaching of: Cloud Computing and Databases \(ISBN: 978-0-9565220-5-4\)*](#). HEA 2011, The Higher Education Academy: Information & Computer Systems,