



**Jane Waite, Senior Research Scientist – Raspberry Pi Computing Education Research Centre**

In addition to my role as Senior Research Scientist at the Raspberry Pi Computing Education Research Centre, I also undertake research as a follow-up to my PhD with Professor Paul Curzon at Queen Mary University of London.

Before my research career, I worked as a developer in the IT industry for twenty years and as a primary school teacher for ten years. Since my time in industry and schools, I have been a computing education resource developer, teacher trainer, university lecturer, and researcher.

Having a computer science and education background led me to important early resource development and teacher education design for K-5 classrooms (children from 5 to 12 years old) through the Barefoot Computing project. I have also worked on computing education for other learners and teaching groups including with cs4fn and Teaching Computing London. With funding from the DfE, I led CAS London, a large-scale teacher community project and with Mayor of London funding I led the Queen Mary University of London TechPathways projects. As the CAS research chair, I have completed various projects, such as writing the Computing Pedagogy Report for the Royal Society and the CPHC funded University and Schools landscape document. I also set up a computer science education research book club and a computer science education researcher community group. I often present at teacher-facing conferences on pedagogy and I am particularly interested in taking research to practice.



My Ph.D. research focused on the use of design in K-5 programming projects, but I have also researched widely in K-12 computing education including on Semantic Waves, PRIMM, and broadening participation. I have published on computational thinking, design, primary pedagogy and a host of other topics in book chapters, journals and conferences. At the Research Centre I am now leading on a wide range of projects including investigating how we might teach AI to younger learners, about teaching programming and culturally responsive teaching.

[Further details here](#)

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