

Andy Howes

He is currently a senior lecturer at the University of Manchester, with responsibility for the secondary initial teacher education course covering Science and Mathematics. His own education at University of Cambridge was as an engineer. He moved from engineering to become teacher and taught in schools in the South of England and London, and in a remote area of Indonesia where he also had a role as in-service teacher trainer. In his doctorate he addressed the issue of intercultural learning in the context of developing countries.

Since moving to Manchester in 1996, he has worked extensively in collaborative action research with teachers (both primary and secondary) and continues this through leadership of the Coalition of Research Schools at the University. He is a curriculum developer in Physics with Cambridge International Education, and has done work in Egypt over the last five years. He has contributed to a recent report on the future of science and mathematics education in the UK by the Royal Society. Currently he is developing a project with a team of teachers and researchers around the idea of connectionist science education, mediating between young people's everyday lives and the practice of science. There is a strong resonance here with Mascil's 'world of work' focus.

He was fortunate to participate in both the Compass and Primas projects, developing materials and teacher education in collaboration with colleagues across Europe, some of whom are involved in Mascil. Involvement in these projects has been a stimulus for continuing collaborative work with teachers and trainee teachers in our region around enquiry based learning.

