

# Dr Siún Nic Mhuirí | Dublin City University

## General Biography

I am a lecturer in the Institute of Education, Dublin City University, where I specialise in mathematics education. I completed my Masters degree in mathematics at NUI, Galway before obtaining a PGCE at the University of Exeter, UK. The majority of my teaching experience was in schools designated as disadvantaged. My PhD research centred on a teaching experiment I carried out at fifth class level where I aimed to facilitate, and investigate, the development of a math talk learning community with my class. I believe strongly that how we as teachers interact with children shapes not just what they know, but what they come to believe about mathematics and themselves as learners. Developing more effective teaching practices involves research and reflection by teachers. I would like to be a RiRS panel member so that I can work to support this research and reflection.

Through my work on the Maths4All project, I am also aware of the value of teachers working collaboratively and having opportunities to share and discuss their practice with each other. I am particularly interested in finding workable ways to do this and to address topics that schools identify as important at a local level as well as topics which appear to be pertinent based on existing achievement data/curricular reform such as the use of problem solving, mathematical modelling and the strands of shape and space and measures.