

# Dr Páraic Treacy | Mary Immaculate College, Thurles Campus

## General Biography

I wish to be part of the RiRS project in order to further develop links between MIC Thurles and teachers who wish to engage in research. As an experienced researcher in mathematics education, it is clear that meaningful improvement in our education system can only be achieved through projects in which researchers and teachers combine their respective strengths throughout the process. Partnership is the best means to deliver longer lasting impacts, particularly when compared to top down reform. As a researcher, mathematics educator, and teacher educator, I have gained a broad range of experience from my work in Ireland, the UK, and the UAE. I am eager to share this experience with teachers in Ireland and learn from them also. This Researcher in Residence Scheme provides the best available framework in which to engage in such collaboration. I would also hope that this would open doors to further research projects and collaborations, particularly in STEM education at secondary level which is an area I plan to explore further in the coming years.

As a mathematics educator, Literacy and Numeracy would be a key area of expertise for me within the Cosán learning areas. I would be particularly interested in supporting numeracy for secondary level students. As an experienced teacher educator, I would also like to make significant contributions to teachers' learning related to subject knowledge, pedagogical content knowledge, and assessment (i.e., 'Leading Learning' area). I have consistently led workshops for both pre-service and in-service teachers on these topics over the past decade. I have also regularly worked with co-operating teachers throughout my career and most notably in my role of Program Leader for the Secondary Mathematics PGCE at the University of Brighton (UK). As such, I believe I can make a significant contribution to the 'Supporting Teachers' Learning' area of the Cosán framework.