

Summary of Discovery Indigenous Researchers Development Proposals for Funding to Commence in 2007

Queensland

Queensland University of Technology

DI0775799 Mrs GE Sarra; Dr AR Baturro

Approved Project Title **How young (2-4 years) Indigenous learners come to know and not know early mathematical language and processes**

2007 : \$33,000

2008 : \$33,000

2009 : \$33,000

Primary RFCD 3302 CURRICULUM STUDIES

Administering Organisation Queensland University of Technology

Project Summary

The project focuses on strengthening Australia's social and economic fabric by developing new knowledge about effective ways to prepare young Australian Indigenous children for mathematics success in school. Low Indigenous mathematics performance is a national shame - many school leavers have limited employment and life chances. A theory that explains 2-4 years old Indigenous students' cognitive, affective and sociocultural development of the necessary number language and processes to ensure school entry with similar number knowledge and practices to same age non-Indigenous students has the potential to reduce unemployment and the reliance on welfare that has led to many of the social and health problems of Indigenous communities.