

**ZMATH 2013a.00278**

**Spencer, Paul; Edwards, Julie-Ann**

**A data collection process for an embedded case study focusing on the teacher-teaching assistant partnership in the mathematics classroom.**

Smith, C. (ed.), Proceedings of the British Society for Research into Learning Mathematics (BSRLM). Vol.31, No. 3. Proceedings of the day conference, Oxford, UK, November 2011. London: British Society for Research into Learning Mathematics (BSRLM). 143-148 (2011).

Summary: This paper discusses the progress to date of an NCETM/ESRC case studentship project which focuses on the partnership between teachers and teaching assistants in secondary mathematics classrooms. The research background and rationale for the study are explained and the development of an innovative system of classroom observation to track the movement of the teacher and teaching assistant during mathematics lessons is discussed. Examples from the pilot study are employed to illustrate how this data tracking system is being used to triangulate the teachers' and teaching assistants' interview responses and identify how the teacher and teaching assistant work collaboratively in the classroom environment.

*Classification:* C70 B50

*Keywords:* teaching assistants; classroom observation; embedded case study; triangulation of data