BSRLM Early Years and Primary Mathematics (EYPM) Working Group Minutes of the Third Meeting

Venue: University of Wales Trinity Saint David (Swansea)

Date: Saturday 9th June 2018

Time: 14:20-15:25 Chair: Sue Gifford Scriber: Dave Godfrey

In attendance:

Sue Gifford (University of Roehampton); Gwen Ineson (Brunel University London); David Godfrey (Independent); Eleni Tsikalaki (University of Athens); Rachel Wallis (University of Wales, Trinity St David); Rachel Marks (University of Brighton); Nerys Defis (University of Wales, Trinity St David)

Research – Theoretical Perspectives

EYPM WG members were asked to describe their current research interests, particularly with respect to the theoretical background and research they had found useful:

Sue Gifford: Pattern awareness and mathematics with young children. Clements and

Sarama: Learning Trajectories: Early Years maths research and their website.

Early algebra: Kieran et al (2016) ICME-13 topical survey

With Julie Alderton, re teachers of children with maths difficulties: Foucault

Gwen Ineson: Student teachers looking at patterns and generalising. John Mason –

Collaboration – prospective and retrospective (with respect to Noticing)

David Godfrey: The use of story as a reasoning and modelling tool in the teaching of calculation.

Realistic Maths (RME)- Freudenthal; Liping Ma, Egan

Rachel Wallis: Supporting children with multiplicative reasoning with Measures, with work from

Davydov & Schmittau.

Nerys Defis: Grouping in Welsh Early Year settings- Rachel Marks!

Rachel Marks: BSRLM Review – (highlight = less than 1% of papers are in Early Years).

Meta- analysis on Number Lines.

Eleni Tsikalaki: What do Primary Teachers think about mathematics? (What is the purpose?)

Hannula, Laurie Hart, Perkilla.

AOB:

Comment from Sue regarding current Early Years policy discussions and the potential dropping of the Measures, Shape and Space Early Learning Goal – any comments would be welcome.