***Developing teachers’ mathematics subject knowledge in early years settings and primary schools to improve the attainment of all pupils***

**Day 5: Thursday 9 October**

**Embedding the Three Aims of the New National Curriculum**

**Lynne McClure, NRICH Director**

**9.15-9.30 Welcome**

**9.30-10.45 Fluency and reasoning**

By engaging with tasks from the NRICH website, we will unpick what we mean by fluency and reasoning (which are the focus of the first two aims of the new National Curriculum), and consider how we can support children in becoming more fluent and being better able to reason mathematically.

**10.45-11.00 Break**

**11.00-12.15 Problem solving**

This session will focus on how to embed problem solving (the third aim of the new National Curriculum) into our everyday practice using resources from NRICH.

**12.15-1.00 Lunch**

**1.00-1.40 Split session**

Lynne will lead this session for the Maths Working Group while Liz leads the main group session.

**1.45-3.10 Games are more than fillers**

By playing a variety of mathematical games, we will discuss their value in the classroom for a range of purposes.

**3.10-3.15 Reflection**