



Mathematics and Philosophy for Children (P4C):

Thursday 28 March and Thursday 20
June 2019

Venue: Resource for London
356 Holloway Road, London N7 6PA

Aims for the course:

- To raise awareness of the potential contribution of Communities of philosophical Enquiry and philosophical moves in general to the learning and teaching of mathematics.
- To provide practical examples of good strategies for teaching mathematics based on dialogue, concept attainment and 4Cs thinking.
- To provide links to available resources for further development of the above.

9.00 Arrival and coffee

9.15 Background to the conditions for deep understanding in mathematics incorporating P4C approaches.

9.45 Examples demonstrating the mutual gain from developing creative, critical, collaborative and caring thinking in mathematics utilising P4C enquiry.

10.45 COFFEE

11.00 The exploration of 'big' mathematical ideas through specially designed mathematical activities and enriched by philosophical links.

Application to Short/medium/longer tasks to reflect effective coverage of the mathematics curriculum within primary and secondary schools.

12.30 LUNCH

13.15 Generating mathematical/philosophical enquiry by focusing on a range of key mathematical concepts which underpin understanding of and ability to use and apply mathematics. A range of examples will be explored.

14.45 Planning for implementation in the participants' classrooms.

15.30 Close

Course Tutor : Dr. Rod Cunningham

Further background information at: <http://sustainable-enquiry.com>