



# Let's Think Maths Professional Development

Let's Think Mathematics programmes support a mastery curriculum and the development of reasoning. They focus on helping teachers to develop their own subject expertise in line with the new National Curriculum focus on reasoning and problem solving. They are particularly beneficial to teachers who want to move from Good to Outstanding.

## **Pupils reconstruct maths for themselves**

Specimen lessons on real purposeful topics deconstruct mathematics for pupils and enable them to share and refine their own mathematical strategies.

## **Teachers support pupils as they grapple with challenges**

Teachers orchestrate classroom interactions for challenging collaborative work. Pupils of all ability levels develop a deeper conceptual understanding of mathematics.

## **Highly experienced tutors engage teachers in cycles of reflection on practice**

The professional development course enables teachers to build towards planning their own thinking lessons. Teachers develop assessment for learning skills and the ability to identify and tackle mathematical misconceptions.

## **Long term and cross-subject effects shown by research**

Developing pupils' thinking skills through mathematics has a proven long-term impact on attainment in all core subjects.

## **Pre-prepared lesson plans and resources**

Specimen activities in key maths topics are based on extensive trial and refinement. Each activity is pitched to a wide range in age or ability and carefully scaffolded to encourage building. Activities start hands-on and lead pupils through discussion to abstract symbolic thinking.

NB Programme costs do not include the costs of purchasing Let's Think resource packs, but these are offered at a discount to programme participants. For more information, see: <http://www.letsthink.org.uk/resources/lets-think-maths/>

## Let's Think Level 1 Programmes

These professional development programmes allow teachers to trial and discuss challenging and creative activities that have been carefully constructed to promote reasoning and improve attainment. Teachers develop specific pedagogical techniques and reflect on practice. They discuss the best ways to support pupils to build concepts 'from scratch' and to develop a classroom learning culture based on collaboration. Cooperative professional development for teachers is integral to the programme.

All Level 1 courses will be led by experienced Let's Think Tutors with considerable teaching experience and an in-depth understanding of Let's Think principles and practices.

Three schools will be hosting Let's Think Level 1 courses in 2018-19, covering Early Years to KS3. Each course consists of six days, held one day per half-term. **All sessions run from 9am – 3.30pm and cost £450 per delegate.**

### Let's Think Early Years and Year 1 [Level 1]

**Venue:** : Hugh Myddelton Primary, Myddelton Street, London EC1R 1YJ

**Dates:** 3 October, 14 November, 16 January, 6 March, 1 May, 19 June

**Contact:** [linda.cairns@humydd.islington.sch.uk](mailto:linda.cairns@humydd.islington.sch.uk)

### Let's Think Years 2 to 4 [Level 1]

**Venue:** Duncombe Primary, Sussex Way, London N19 4JA

**Dates:** 10 October, 7 November, 6 February, 27 February, 3 April, 22 May, 20 June

**Contact:** [deputy@duncombeprimary.co.uk](mailto:deputy@duncombeprimary.co.uk)

### Let's Think Years 5 to 9 [Level 1]

**Venue:** Ambler Primary School, Blackstock Road, London N4 2DR

**Dates:** 16 October, 3 December, 29 January, 4 April, 30 April, 26 June

**Contact:** [rhoda.weinling@ambler.islington.sch.uk](mailto:rhoda.weinling@ambler.islington.sch.uk)

## Let's Think Maths Level 2 Network

This network is for experienced Let's Think teachers who have completed Level 1 programmes and want to enhance and deepen their understanding of teaching and learning in mathematics.

The network meets once a half-term and participants will explore a wider range of lessons, facilitated by expert tutors. They will also deepen their understanding of children's progression in mathematics and be supported to embed the principles of good practice from Let's Think pedagogy in day-to-day mathematics teaching.

**All sessions run from 4-6pm**

## Let's Think Maths Network [Level 2]

**Venue:** Hugh Myddelton Primary, Myddelton Street, London EC1R 1YJ

**Dates:** 27 September, 15 November, 17 January, 14 March, 9 May, 13 June

**Costs:** £40 per session/£150 annual membership

**Contact:** [sarah.seleznyov@southwarktsa.co.uk](mailto:sarah.seleznyov@southwarktsa.co.uk)