

Primary Mathematics Courses for 2018-19 in Slough Schools

Course Provider:

Starting a career in teaching over 23 years ago (involving 7 years as a Mathematics Coordinator/Lead Teacher and AST) in Greenwich and Hillingdon, I have been involved in Mathematics Consultancy for the last 15 years (starting in Hillingdon LA) delivering hundreds of courses and in-house school development, writing publications for the DfE and BEAM and delivering conferences all over the UK. Following my work as Primary Mathematics Lecturer at Kingston University, since January 2018, I now work as part-time Consultant and part-time Year 5 & 6 teacher in two Slough schools.

For the last 8 years I have worked with over 100 triads of teachers using the 'Good to Outstanding' materials I had developed with clear impact evidence of schools moving to Good or Outstanding.

I am passionate about Mathematics that is both fun and engaging to teach and learn. I have research interests in Mathematics Mastery, Problem Solving in the Real World and the Language of Mathematics, particularly strategies for deciphering word problems in the end of KS1 and KS2 tests.

As well as the courses listed, I am available for bespoke school support and training.

This will be the third year of course provision.

100% of courses were rated good/excellent in 2016-17 and 2017-18 with course numbers steadily increasing!



Jean Knapp (Mathematics Consultant and Year 5 & 6 Teacher/Teaching and Learning Lead)

*P2-9 Course Detail & Venue

Maps

* P9 Booking Form & Details

To book call 07947132115 or Email j.knappmathscourses@outlook.com

Courses at a Glance

Date	Time	Course	Venue
Monday 24th September 2018	1:00-4:00p.m.	Moving from NQT to NQT+1 – Preparing to Take your Mathematics Further in your Second Year of Teaching in KS1 & KS2 (Ref: OL1)	Our Lady of Peace Catholic Primary School
Tuesday 16th October 2018	9:00-12:00 noon	Planning for Year 1 Number (Ref: GD1)	Godolphin Infant School
Tuesday 20th November 2018	1:00-4:00p.m.	Modelling Number for Understanding in KS1 and KS2 (Ref: OL2)	Our Lady of Peace Catholic Primary School
Monday 3rd December 2018	1:00-4:00p.m.	Mental Maths: The Essential Foundation to all Mathematics – Getting the Balance of Calculation & Recall – Practical Ideas for KS1 and KS2 (Ref: GD2)	Godolphin Infant School
Friday 7th December 2018	9:00-12:00 noon	New to Year 6 – Ideas to Support Maths Planning and Revision (Ref: C/Y6)	Cranford Park Academy Hillingdon
Tuesday 22nd January 2019	1:00-4:00p.m.	A Mathematical National Book Day – Ideas for Investigation from Picture Books in KS1 and KS2 (Ref: HF1)	Holy Family Catholic Primary School
Monday 4th March 2019	9:00-3:30p.m.	Mathematics Subject Leaders Spring Mathematics Conference (Ref: St. M/MC)	St. Mary's Catholic Primary School Hillingdon
Friday 17th May 2019	9:00-12:00 noon	Messy Maths – FS-Year 1 Ideas for the Mucky Mathematician (Ref: FEI/MM)	Field End Infant School Hillingdon
Monday 10th June 2019	1:00-4:00p.m.	Year 5 Transition to Year 6 – Mathematical Considerations & Ideas (Ref: HF2)	Holy Family Catholic Primary School

Monday 4th March 2019 - Join me and Coordinators/SLs all over Slough and Hillingdon for a day of Mathematical ideas, updates, lunchtime publishers fair and admin for successful leadership of your subject. Includes a buffet lunch. £170 for the day. Book before 13/7/18 for a £50 discount of £120 per person.

Ref: GD1 – Godolphin Infants

Planning for Year 1 Number

**Tuesday 16th October 2018 - 9:00-12:00
noon**

Objectives:

- *Consider the key areas of number in Year 1; progression, misconceptions, reasoning and problem solving.*
- *Consider planning for Year 1 Mathematics.*
- *Explore activities to develop a bridge from Years 1-2 in the summer term.*
- *Explore a range of resources to support Year 1 number development.*
- *Come away with resources you can use in the classroom (Please bring a memory stick with you or access the Google Drive link you will be given!)*

Course Summary: This course explores Year 1 Mathematics and how we can secure the essential subject knowledge in number to make good progress into Year 2 and beyond. There will be a focus on the Big Ideas, particularly place value and support for planning for a range of abilities. The Year 1 Mathematics Curriculum will have some revisions for 2018 and the course will also explore these.

Audience: Year 1 Teachers, KS1 Leaders, TAs/HLTAs & Subject Leaders

What to bring: Memory Stick

Ref: OL1 – Our Lady of Peace

Moving from NQT to NQT+1 – Preparing to Take your Mathematics Further in your Second Year of Teaching in KS1 & KS2

Monday 24th September 2018 – 9:00-12:00 noon

Objectives:

- *Review your NQT Year and consider points of development for your second year of Primary Mathematics.*
- *Explore effective ways to plan and teach Mathematic.*
- *Explore and develop resources to support the teaching of tricky mathematical concepts.*
- *Come away with resources you can use in the classroom (Please bring a memory stick with you or access the Google Drive link you will be given!)*

Course Summary: This course is ideal for teachers that have just completed their NQT year and want to take their Mathematics planning and teaching to the next level. Hear about new strategies and techniques as well as lots of resources and websites to use in the classroom.

Audience: KS1 and KS2 NQT+1 Teachers & RQTs

What to bring: Memory Stick, Recent planning (paper or laptop)

Ref: OL2 – Our Lady of Peace

Modelling Number for Understanding in KS1 and KS2

Tuesday 20th November 2018 - 1:00-4:00p.m.

Objectives:

- *Explore a range of concrete and pictorial models to support key concepts in number in KS1 and KS2.*
- *Consider the role of the bar model in supporting mathematical understanding in a range of topics.*
- *Build a bank of models to support your teacher demonstration and modelling of mathematical concepts.*
- *Further develop how key concrete Maths resources in your school can be used in a variety of ways.*
- *Come away with resources you can use in the classroom (Please bring a memory stick with you or access the Google Drive link you will be given!)*

Course Summary: Models and images whether they be concrete or pictorial are at the heart of building mathematical understanding, they are also key to developing the CPA (Concrete, Pictorial, Abstract) development of Mastery learning. In this course, we explore a range of models you can use in KS1 and KS2 to support learners to understand challenging mathematical concepts and come away with alternative ways to use concrete resources in your Maths cupboard!

Audience: KS1 and KS2 Teachers, TAs/HLTAs & Subject Leaders

What to bring: Memory Stick

Ref: C/Y6 – Cranford Park

New to Year 6 – Ideas to Support Maths Planning and Revision

Friday 7th December 2018 – 9:00-12:00 noon

Objectives:

- *To explore the key learning and progression in Year 6.*
- *To explore the content of the tests and the implications from the 2018 test.*
- *To explore some key activities to support revision in Year 6.*
- *Be aware of other sources of resources to support Year 6 revision/approaches.*
- *Come away with resources you can use in the classroom (Please bring a memory stick with you or access the Google Drive link you will be given!)*

Course Summary: New to Year 6? This course contains all you need to gain a full overview of Mathematics in your year group and consider the revision that may be required to support the 2019 tests. We will reflect on the previous year's assessments, discuss the implications for planning and explore resources that will support and reduce planning time.

Audience: New Year 6 Teachers, TAs/HLTAs & Subject Leaders

What to bring: Memory Stick

Ref: GD2 – Godolphin Infants

**Mental Maths: The Essential Foundation to all Mathematics –
Getting the Balance of Calculation & Recall – Practical Ideas for
KS1 and KS2**

Monday 3rd December 2018 – 1:00-4:00p.m.

Objectives:

- *To understand the importance of mental calculation in the progression to written calculation.*
- *To consider the outcomes of mental calculation test outcomes in Years 2 & 6.*
- *To explore and review the key mental strategies children need in KS1 and KS2 to improve their mental calculation.*
- *To explore a range of approaches and activities to improve mental calculation daily and within whole lessons.*
- *Come away with resources you can use in the classroom (Please bring a memory stick with you or access the Google Drive link you will be given!)*

Course Summary: The outcomes of the Year 2 and Year 6 Mental Calculation paper have demonstrated a refocusing on the importance of mental calculation to support efficient and quick strategies for all abilities of learner. This course looks at the key strategies we need to teach children and activities we can do daily and within whole lessons to support quicker recall and ultimately, support increased confidence and efficiency with written calculations.

Audience: KS1 and KS2 Teachers, TAs/HLTAs & Subject Leaders

What to bring: Memory Stick

Ref: HF1 – Holy Family

**A Mathematical National Book Day – Ideas for Investigation
from Picture Books in KS1 and KS2**

Tuesday 22nd January 2019 – 1:00-4:00p.m.

Objectives:

- Explore a range of texts that have the potential (mathematical or have mathematical potential) for mathematical exploration at KS1 and KS2.
- Explore ideas you could embed within termly planning, Maths Weeks and Book Week in KS1 and KS2.
- Have a chance to explore the texts and come away with lots of ideas for the classroom.
- Come away with resources you can use in the classroom (Please bring a memory stick with you or access the Google Drive link you will be given!)

Course Summary: For most of my career in education, I have collected picture books to use in KS1 and KS2 to develop Mathematics lessons. This course looks at some of those ideas as well as giving you a chance to explore and identify the mathematical potential for their exploration in the classroom or for designated Maths/Book Weeks.

This is a creative and Cross-Curricular afternoon to build an ideas bank to embed termly and/or for the one-off school event.

Audience: KS1 and KS2 Teachers, TAs/HLTAs & Subject Leaders (Maths and Literacy)

What to bring: Memory Stick

Ref: M/MC – St. Mary's

Mathematics Subject Leaders Spring Mathematics Conference

Monday 4th March 2019 – 9:00-3:30p.m.

Objectives:

- To be updated with current thinking in Primary Mathematics education (Research, Approaches & Case Studies – This will include: What is the best way to teach for retention? How can metacognition help my disadvantaged learners? The Vocabulary Gap - Why is vocabulary so important and what can be done about it?)
- Have a chance to consider auditing your role/Mathematics within your school for action planning for the year ahead and Ofsted.
- Develop your own subject knowledge.
- Have a chance to network with teachers across a range of local authorities.
- Come away with resources you can use in the classroom (You will be given a Google Drive to access all the resources explored that day and more!)

Course Summary: This is a day for Subject Leaders/Teams to be updated with current thinking in Mathematics, start to complete some essential admin for the year ahead, consider messages from Ofsted and feedback from the 2018 tests, develop your own subject knowledge, network with a range of subject leaders and find out about new, published resources at the lunchtime resources fair. It's an essential day of CPD for all Coordinators/SLs to inform and inspire for the year ahead! As it is a full day, a buffet lunch will be provided. A finalised list of resource providers and sessions will be sent to participants a month before the day.

Audience: Mathematics Subject Leaders/Teams

What to bring: SL/Coordinator File and/or Electronic Files & Laptop

Further Information: Please add any dietary requirements to the booking form: Allergies/Vegetarian/Vegan, etc

**£170 for the day but book
before 13/7/18 for a £50
discount of £120 per person.**

Ref: FEI/MM – Field End Infants

Messy Maths – FS-Year 1 Ideas for the Mucky Mathematician

Friday 17th May 2019 – 9:00-12:00 noon

Objectives:

- *Consider the potential*
- *Identify researched sources of possible difficulties in fractions and interventions to support understanding and overcome misconceptions.*
- *Explore activities to develop understanding through practical and real world contexts.*
- *Come away with resources you can use in the classroom (You will be given a Google Drive to access all the resources explored that day and more!)*

Course Summary: From the moment we wake up we are busy estimating and problem solving. This course is a creative and practical look into the potential of Mathematics outdoors but particularly the messy variety! We will look at a range of mathematical ideas and explore their potential. We will consider how the outdoors can provide the perfect transition environment for KS1Year 1.

Prepare to get a little messy and please bring suitable clothing for the outdoors!

Audience: EYFS Teachers, Tas/HLTAs & Subject Leaders

What to bring: Suitable clothing for the outdoors.

Ref: HF2 – Holy Family

Year 5 Transition to Year 6 – Mathematical Considerations & Ideas

Monday 10th June 2019 – 1:00-4:00p.m.

Objectives:

- *Consider tried and tested approaches to successful Year 5-6 transition in Mathematics.*
- *Be aware of the tested domains that may support approaches to Year 5 Mathematics.*
- *Identify, try and develop approaches, ideas and resources for Year 5 Mathematics planning for the final term (the emphasis here is on a time saving and time efficient approach).*
- *Come away with resources you can use in the classroom (Please bring a memory stick with you or access the Google Drive link you will be given!)*

Course Summary: On analysis of the end of KS2 Tests, a large percentage of the tested Mathematics objectives originate from Year 5 (particularly this year, in Paper 3). Many schools turn their attention to interventions for Year 5 during the summer term to support transition to Year 6. this course aims to develop understanding of successful approaches, feedback from the KS2 2018 assessments and provide a wealth of time saving approaches, resources and ideas to secure mathematical progress from Year 5-Year 6.

Audience: Year 5 Teachers, TAs/HLTAs & Subject Leaders

What to bring: Memory Stick

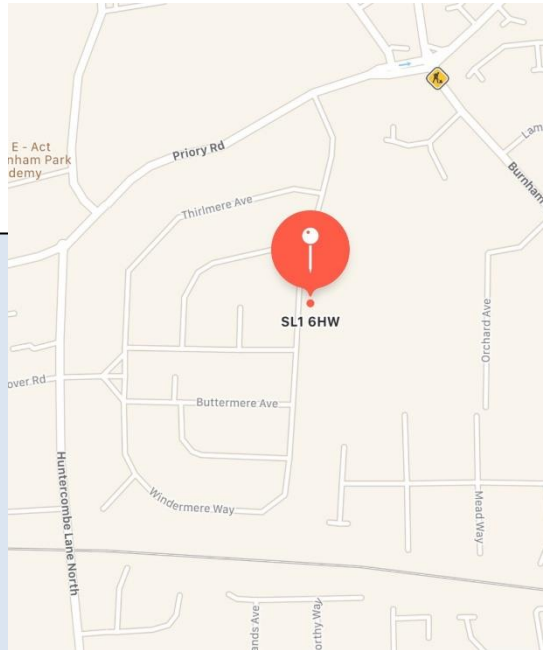
Our Lady of Peace Catholic Primary Course Venue

Our Lady of Peace Catholic Primary School

Derwent Drive

Slough

Berkshire



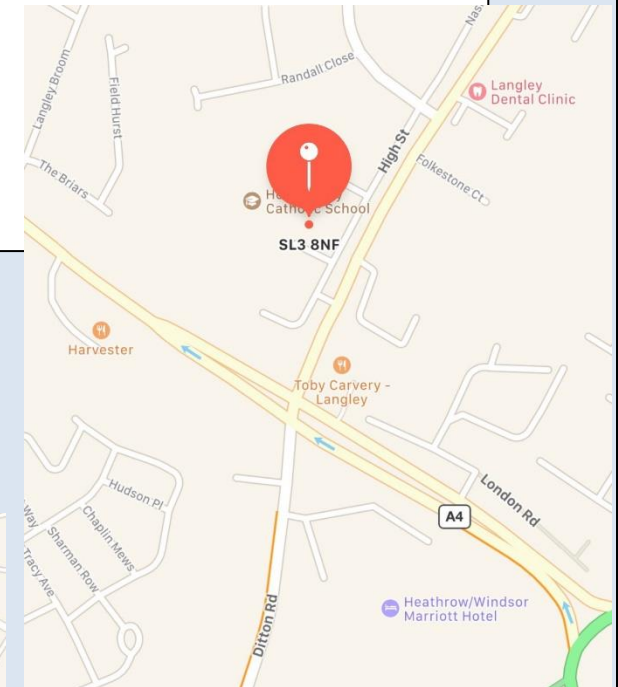
Holy Family Catholic Primary School Course Venue

Holy Family Catholic Primary School

High Street

Langley

Berks



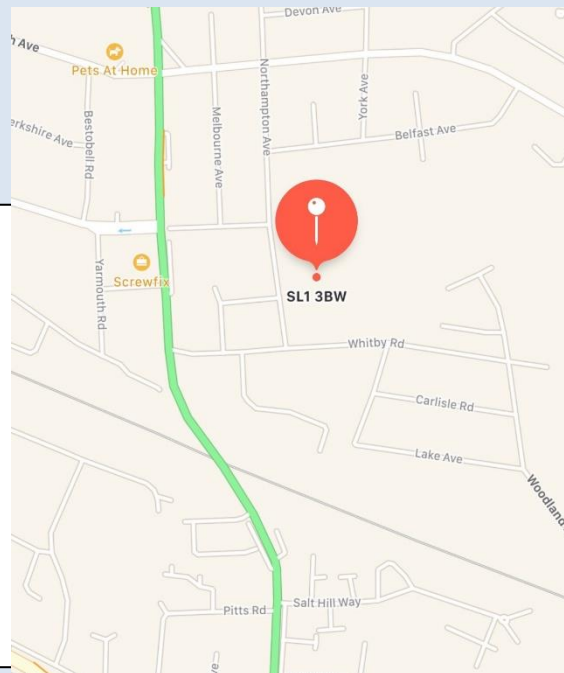
Godolphin Infant School Course Venue

Godolphin Infant School

Warrington Avenue

Slough

SL1 3BW



Cranford Park Academy Course Venue

The Hive Training Room
Cranford Park Academy
Phelps Way
Hayes
Middlesex
UB3 4LQ



St. Mary's Catholic Primary School Course Venue

St Mary's Catholic Primary School
Rockingham Close
Uxbridge
Middlesex



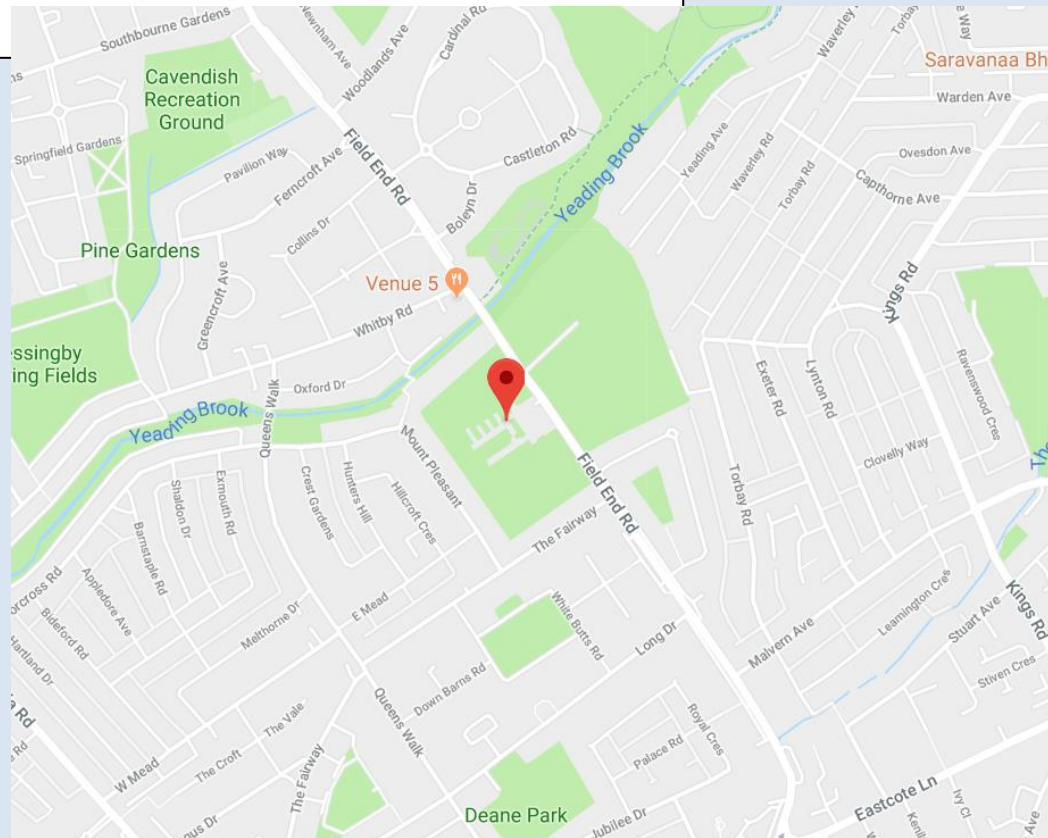
Field End Infant School Course Venue

Field End Infant School

Field End Road

Ruislip

HA4 9PQ



Course Booking Form

Date:

Your School Name:

Invoicing Contact (Name & Email):

If booking the Maths Conference Monday 4th March 2019 – Please also state any allergies or dietary requirements for the buffet lunch.

Course Ref No	Name of Staff	Email

Course Booking

Email j.knappmathscourses@outlook.com

or call 07947132115



1

- Email your completed form to: j.knappmathscourses@outlook.com

2

- Half day courses will be charged at £80 per person (including Resources and Refreshments) - Please see separate charges for the Maths Conference (Full Day)

3

- You will be invoiced for the amount (Payment via Cheque or BACs) - Ensure your payment is made before the course commences to secure your place

4

- A confirmation will be sent as soon as payment is received.

5

- Maximum numbers for the Courses - 26
- Minimum numbers for the courses - 5

6

- **Cancellation Policy:**
- Places cancelled within 48 hours of an event pay 100%
- Places cancelled within one week of the event pay 50%
- Places cancelled within two weeks or more of the event pay 0%.
- Where a course is cancelled due to low numbers (less than 5), all participants will receive a full refund.