



Prince Bishops  
Teaching School Alliance

Growing together

## Riding the wave

Keeping the momentum in math's going from KS2 to KS3 and beyond

**Three-day programme starting on 23 January 2020**  
**The Ramside Hall Hotel, Durham, DH1 1TD**

Prince Bishops Teaching School Alliance are delighted to announce we are again working with Rachel Rayner, Rachel is a mathematics consultant who works with schools nationally to improve outcomes in mathematics from EYFS to KS3.

After working with Rachel for over four years we are delighted to share details of this next project, which she has designed for Secondary mathematics teachers and Heads of Departments who are keen to maximise pupils progress from their prior learning – keeping the momentum going.

Primary mathematics has changed significantly in the last five years. With increases in pitch, teacher subject knowledge and attention to pedagogies used in high performing jurisdictions, **many more 11-year olds are learning mathematics with greater understanding.**

However, there is work to do and the attainment range by the time children reach Y7 remains wide. Children can learn a lot of mathematics in the five years to GCSE; maximising the learning in that time is crucial to great outcomes.

- If we are aiming to implement a coherent curriculum, what does that look like for children in the transition between KS2 and K3?
- Does your school have curriculum that builds on learning or a curriculum that repeats learning for KS2?
- Do you know which concepts children learn in Primary that you build on and for what?
- You will not be the first Secondary teacher to be surprised what Primary children learn in mathematics!

This 3-day program aims to provide participants with:

- A greater understanding of the pitch children are **expected to reach by KS2 end**;
- Knowledge of the concepts already taught that feed into the secondary curriculum;
- Ideas for how to build on Primary concepts;

**The cost of the programme is £350 per person inclusive of 3-day workshops and all refreshments**

**Cancellations:** All cancellations must be made in writing, in the event that you need to cancel this training; a cancellation charge will be incurred. Up to six weeks prior to the training, a full refund will be made. Within six weeks of the training date, a 50% charge will be made. The full cost of the training will be charged should the cancellation be made within 3 weeks of the sessions date.



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### Day 1 – Thursday 23 January 2020 – The Fountain Room – The Ramside Hall Hotel

- Considering the national data picture
- Understanding the KS2 expectations for mathematics, what could the SATs papers tell us about our children in Y7 if we looked at them?
- An overview of the primary curriculum for mathematics; exploring the content and the high value learning from KS2 that counts for KS3 children.

### Day 2 - Friday 24 January 2020 – The Fountain Room – The Ramside Hall Hotel

- Fluency, reasoning and problem solving; what this might look like in KS2;
- Exploring enabling pedagogies for mathematics; what are the teacher approaches used in effective primary settings?
- Considering what a coherent curriculum might look like from KS2 to KS3.

### Day 3 – Thursday 5 March 2020 – The Fountain Room – The Ramside Hall Hotel

- How do we meet the needs of learners with a wide range of attainment – what are the ingredients of an effective curriculum for all?
- Planning to implement a coherent curriculum building on KS2 outcomes

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### Testimonials

*"Thorough update of subject knowledge. Excellent training – looking forward to implementing ideas in class!"*

*"Some of the best training I have ever attended! Very thought provoking!"*

*"Relaxed learning environment with great coverage. Lots of practical ideas and 'real' answers to lots of questions."*

*"Very informative and interesting! Lots of time for discussions and questions."*

*"The opportunity was given to 'try' the methods and concepts and time was given to reflect on each part of the session."*

*"I feel very inspired and can't wait to try out ideas and feedback at school!"*

*"Fantastic – very motivating and great consultant!"*

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