

MATHS Professional Development		Under-resourced learners in Y5/6	
Title and shop links	Structure and participants	Details	Cost
Fluency through reasoning in Y6	<p>Hybrid PD programme which will run across two half days face to face (in four venues across Devon), one online surgery and one online follow up.</p> <p>Aimed at teachers of Y6 (including in mixed-age classes), where possible accompanied by a teaching assistant who supports maths in Y6.</p>	<p>Evidence from recent executive function research projects indicates that learners from 7 to 17 can fail to reason when faced with problems involving calculation and algebraic relationships, especially in test situations, and instead rely on default strategies which can be both inefficient and ineffective.</p> <p>This programme will explore how to support learners in Y6 to use what they know and what they notice in order to reason when solving problems and answering questions in maths. Questions from KS2 maths papers will be used to illustrate fluency through reasoning along with other resources. Approaches will be appropriate for use with the whole class and participating teachers will be asked to select three focus learners (under-resourced where possible) for particular attention as part of the programme.</p> <p>The programme includes:</p> <ul style="list-style-type: none"> • Meeting 1: Face to face 09:30 – 12:15 Autumn 1 • Meeting 2: Face to face 09:30 – 12:15 Autumn 2 • Online one-hour open surgery between these meetings • Online follow up early Spring 	<p>£20 per school for all Devon maintained schools.</p> <p>£100 per school for all other schools.</p>
Success at arithmetic Y5-8	<p>Hybrid PD programme with a half day online focussed on diagnostic assessment and two full days face to face developing understanding of the programme and associated materials – this will run in two venues</p> <p>Y6 Teacher and TA together</p>	<p>Success@Arithmetic is a light touch calculation-based intervention for learners, in Key Stages 2 and 3, who have difficulties with arithmetic proficiency and need support to improve their understanding of number and written calculation skills. It helps them to make faster progress and to catch up with their peers through a mastery approach.</p> <p>The programme involves training a lead teacher and one (or two) teaching assistants together. The lead teacher and TA together conduct a diagnostic assessment and selects a series of Success@Arithmetic steps to form a tailored programme of up to 24 sessions, adapted from detailed plans that the teaching assistant delivers to an intervention group of up to three pupils. The sessions use number rods, bar modelling and written methods to build a complete mathematical picture, developing pupils' arithmetical fluency. The teaching assistant starts working with their group of pupils straight after the first training day supported by the teacher. The training runs alongside the implementation of the teaching programme, in that way the Teaching Assistant is trained topic by topic.</p>	<p>£70 per school for SCHOOLS IDENTIFIED FOR SUPPORT</p> <p>£450 per school for other Devon maintained schools.</p> <p>£650 per school for all other schools.</p> <p><i>The above cost INCLUDES a £380 pack of intervention materials.</i></p>

MATHS Professional Development		Under-resourced learners in Y5/6 continued	
Title and shop links	Structure and participants	Details	Cost
Supporting under-resourced learners in Y5 and Y6 through pre-teaching and assigning competence	<p>Hybrid PD programme which will include one face to face day (in two venues across Devon), two online half days and one online after-school session.</p> <p>SCHOOLS IDENTIFIED FOR SUPPORT will also receive two half-day support visits from an adviser.</p> <p>Y5/6 teachers</p>	<p>Six years ago, we reported on our research project which explored supporting learners to be active and influential participants in mathematics lessons through pre-teaching and assigning competence.</p> <p>The impact on learners in Y6 was significant, including on their status in the maths classroom, their belief in themselves as learners of mathematics and their KS2 test results.</p> <p>Since then, pre-teaching has been referenced widely, including in national resources by NCETM. This programme will explore putting findings from the research into action with learners at the top end of KS2.</p> <p>Participating teachers will:</p> <ul style="list-style-type: none"> • Select three under-resourced focus learners in Y5 or Y6 • Engage in short, regular pre-teach sessions with these focus learners. • Look for opportunities to assign competence during maths lessons. <p>The programme includes:</p> <ul style="list-style-type: none"> • Meeting 1: Online 13:30 – 16:30 Autumn 1 • Meeting 2: Face to Face 09:30 – 15:00 Autumn 1 • <i>Visit to each school identified for support to collaboratively plan and observe pre-teach and related maths lesson Autumn 2*</i> • Meetings 3 and 4: Online 15:30 – 17:00 Autumn 2 • <i>Second visit to each school identified for support to collaboratively plan and observe pre-teach and related maths lesson Spring 1*</i> • Meeting 5: Online 13:30 – 16:30 Spring 2 <p>During the school visits, a pre-teach session will be collaboratively planned, linked to that day's maths lesson, the teacher will lead the pre-teach and the adviser will then observe the focus learners in the main maths lesson. After the lesson, the impact of the pre-teach will be reviewed and next steps agreed.</p>	<p>£20 per school for all Devon maintained schools</p> <p>£100 per school for all other schools</p> <p><i>*Schools which have NOT been identified for support can purchase visits as part of the programme at a cost of £200 per visit</i></p>

MATHS Professional Development and Support Subject Leaders

Title and shop links	Structure and participants	Details	Cost
Maths subject leader consultation session	One hour consultation with an adviser , aimed at subject leaders, times available throughout the year	Online consultation with a Maths Adviser for subject leaders to discuss issues relevant to their school. These can be booked in any term and are not limited to one booking per school.	Free for all Devon maintained schools £153 for all other schools
Primary Maths Subject Leader Meetings	Termly half-day meetings	Subject leaders come together to explore and discuss cutting edge thinking and research and reflect on it in their own specific context. They receive and consider guidance on managing their subject leadership role and are provided with access to national and local updates along with opportunities for networking. These meetings are offered face to face in three locations in Devon and online each term.	£77.50 per person per meeting Packages available: £195 termly meetings for maths across the year £350 termly meetings for maths plus English across the year

MATHS Professional Development		Teaching and Learning: Content and Pedagogical Subject Knowledge	
Title and links	Structure and participants	Details	Cost
Developing Reasoning Programme: Nursery to Y1	<p>Yearlong PD programme built around six face to face days across the year plus up to three collaborative lesson study experiences (school-based)</p> <p>EYFS and Y1 teachers</p>	<p>One of the challenges in mathematics teaching is supporting children to reason about their mathematics: notice things, use what they know, make connections, and make decisions. This needs to start with the youngest children and continue throughout their education. This programme is targeted at Foundation Stage and Y1 teachers and includes:</p> <ul style="list-style-type: none"> • Six face to face PD days, spread across the year, exploring both executive function skills and aspects of mathematical understanding that are key to early development including pattern, number, and spatial awareness. • In-school activities between days (working with pupils and sharing with colleagues) • Cycles of collaborative lesson study which involve working with teachers from other schools and a maths adviser to plan in detail an adult-led session, which is then taught and observed with a follow up discussion. 	<p>£90 per person for all Devon maintained schools.</p> <p>£360 per person for all other schools,</p>
Developing Reasoning Programme: Y1 to Y6	<p>Yearlong PD programme built around six face to face days across the year plus up to three collaborative lesson study experiences (school-based)</p> <p>Y1 to Y6 teachers</p>	<p>Thinking is at the heart of mathematics and developing reasoning is about developing mathematical thinkers and oracy. Reasoning is one of the aims of the national curriculum, underpins a teaching for mastery approach and is increasingly the focus of tests and exams. It is also the key to building strong mathematical communities. This programme will support Y1 to Y6 teachers to examine reasoning in depth and provide them with practical ideas for how they can make this part of their daily practice. The programme includes:</p> <ul style="list-style-type: none"> • Six face to face PD days, spread across the year, exploring how to teach key mathematical concepts so that learners gain a deep understanding. • In-school activities between days (working with pupils and sharing with colleagues) • Cycles of collaborative lesson study which involve working with teachers from other schools and a maths adviser to plan in detail a group session, which is then taught and observed with a follow up discussion. 	<p>£90 per person for all Devon maintained schools,</p> <p>£360 per person for all other schools,</p>
Learning from Lesson Study	<p>Online webinar focussed on analysing a research lesson and exploring the context of Collaborative Lesson Research</p>	<p>The Devon maths team works closely with the Collaborative Lesson Research (CLR) UK charity, exploring the use of Japanese style lesson study as professional development. These webinars will provide an opportunity for teachers and leaders to explore a collaborative lesson research cycle, based on a new video-recorded mixed-age research lesson. The video, its accompanying lesson proposal, the mathematical task for the lesson, and children's solutions will be available online for viewing and examination before the webinar. As well as commentary from UK educators there will be opportunities for comments and questions from participants.</p>	<p>Free for all schools</p> <p>Bridging research and practice</p>

MATHS Professional Development		Teaching and Learning: Content and Pedagogical Subject Knowledge continued	
Title and links	Structure and participants	Details	Cost
Developing Early Number Sense Programme	Face to face PD programme which runs across two half days and is aimed at R/KS1 teachers and subject leaders	Number Sense includes developing an understanding of numbers and the number system; this understanding underpins calculation. The two half-days in this programme will focus on building an understanding of how our numbers work and fit together and includes exploring subitising, composition of numbers, place value, comparing and ordering numbers and applying this understanding in different contexts	£20 per person for all Devon maintained schools. £100 per person for all other schools.
Supporting Children in Maths Lessons Programme: Professional Development for Teaching Assistants <i>This will run in South Devon. TA programmes led by maths advisers are available through the Jurassic Maths Hub in North and Central Devon.</i>	Face to face PD programme across four half-days plus an in-school visit, aimed at teaching assistants who support mathematics learning both in the classroom and through intervention.	Teaching assistants are often asked to work in maths lessons with children who are struggling with the mathematics. This is most effective if the focus is on supporting the children to notice things, use what they know and make connections. This programme is designed to stimulate thinking about how to support and challenge children in the classroom and will include: <ul style="list-style-type: none"> • Engaging with the belief that all children can learn mathematics. • A focus on understanding the connective model including how representation can be used to support understanding of structure. • Exploring strategies for developing children’s mathematical talk. • An examination of the five big ideas of teaching for mastery. • In-school work with children between sessions including a visit to support this work. 	£50 per person for all Devon maintained schools. £240 per person for all other schools.
R/KS1 mixed-age mathematics webinar	Online one-day webinar for anyone interested in teaching maths in mixed-age classes in Reception and KS1, including R/Y1, Y1/Y2 and R/Y1/Y2.	All classrooms are mixed-age; some are just more mixed-age than others. Following on from our 2024 webinar for mixed-age classes in KS2, this one-day webinar will explore ways of working in mixed-age classes within EYFS and KS1, the positive benefits for learners and what we can all learn from thinking about how best to manage these complex classes. We will draw on recent experience in small schools and there will be practical tasks for participants to undertake, within their setting, as part of the day, as well as ideas and suggestions for how to ensure rich mathematical experiences that all learners and teachers can enjoy.	£20 per person

MATHS Professional Development		Supporting Individual Learners	
Title and links	Structure and participants	Details	Cost
Diagnostic Assessment in Mathematics	Online PD programme which runs across two morning sessions with in-school work between the sessions aimed at pairs attending together (teacher and teaching assistant or two teachers)	Diagnostic assessment has a key role to play in enabling teachers to support learning. It provides teachers with a nuanced understanding of children's learning so that they can plan their teaching to match the needs of the class and interventions to match the needs of smaller groups or individuals. Accurately assessing learning also underpins all activity to help the recovery process. This programme will explore and support the use of diagnostic assessment in mathematics.	£30 per pair for all Devon maintained schools. £130 per pair for all other schools.
Maths Intervention Programme: Spot on with Number	Blended PD programme (online and face to face) which runs across one half day online and two full days face to face with an optional online follow up session. The PD is aimed at teaching assistants and teachers who will run the intervention programme or who want to further understand issues in learning about early number.	<p>The Spot On With Numbers Intervention Programme is a programme designed to:</p> <ul style="list-style-type: none"> • Raise the attainment of children in KS1 who have moderate difficulties in mathematics by accelerating their progress to catch up with their peers. • Raise the attainment of older pupils who have specific difficulties in mathematics including dyscalculia. • Create positive attitudes to mathematics and achieve the confidence and mathematical understanding needed to continue to learn successfully after the intervention. <p>The Intervention Programme comprises up to 36 sessions of approximately 45 minutes each. It is designed to be delivered up to three times a week, either one-to-one or in small groups of up to four children.</p> <p>The sessions are organised into six topics that focus on key aspects of number: numbers 0 – 5, numbers 6 – 10, exploring 10, place value to 20, additive reasoning and multiplicative reasoning.</p>	<p>All participants will need to purchase the intervention pack of materials at a separate cost of £175</p> <p>Cost for the accompanying PD programme</p> <p>£30 per person for all Devon maintained schools</p> <p>£190 per person for all other schools</p>

English Subject Leaders: Support and Professional Development			
Title and links	Structure and participants	Details	Cost
Leadership			
English subject leader consultation session	One hour consultation with an adviser , aimed at subject leaders, times available throughout the year	Online consultation with an English Adviser for subject leaders to discuss issues relevant to their school and to support leadership role. These can be booked in any term and are not limited to one booking.	Free for Devon maintained schools £153 for all other schools
Primary English Subject Leader Meetings	Termly half-day meetings	Subject leaders will have access to national and local updates, cutting edge thinking and research, and guidance on managing their subject leadership role.	£77.50 per person per meeting Packages available: £195 termly meetings for English across the year £350 termly meetings for English plus maths across the year
Phonics and Early Reading Review	3 hr visit face to face	To support schools with meeting the core requirements around Early Reading and phonics, the English team are offering a 3hr review to be conducted alongside the English lead/Reading lead in the school. This will support schools to be confident about their provision and identify key areas for future development. Schools can book these as a follow up to previous reviews.	£55 for Devon maintained schools £366 for all other schools

English Professional Development Focussed on Teaching and Learning: Content and Pedagogical Subject Knowledge

Title and links	Structure and participants	Details	Cost
READING			
<p>NEW for 2024/5</p> <p>Developing Reading Fluency</p>	<p>Face to face event</p>	<p>This professional development will provide an opportunity to explore the place of reading fluency within the complex process of becoming an effective reader. The focus will be on reading fluency within the reading curriculum for al pupils</p> <p>The event will:</p> <ul style="list-style-type: none"> • Explore the research underpinning understandings about reading fluency • Consider the place of fluency within the reading curriculum and its relationship to other strands of reading development • Explore strategies for assessing, teaching and practising reading fluency 	<p>£35 per person for Devon maintained schools</p> <p>£125 per person for all other schools</p>
<p>Reading fluency projects: Y2-Y6 and Y5-Y8</p>	<p>Training and support to implement an eight-week intervention in Reading based on Hfl’s Reading Fluency model</p> <p>Autumn term: Y5-8 Spring term: Y2-6</p>	<p>Based on the work of HfL and our own experience we are offering further opportunities to participate in this evidence-based, teacher led, eight-week group intervention. Impact is achieved in both fluency and comprehension. Evidence from previous projects has shown consistently impressive outcomes (in Y6 average improvement of 12 months+). The training will be delivered by HfL experts alongside the DES English team. In addition to equipping teachers to deliver a structured intervention, teachers will also be able to explore wider uses of the strategies learnt.</p> <p>The training for each programme will be run online and the programme consists of:</p> <ul style="list-style-type: none"> • Introduction and YARC assessment training session (2hrs online) • Full day training from HfL for 2 members of staff (one self-study module and two delivered live) • 3 hr ‘visit’ from English team adviser to support teaching • Mid-point and final review sessions (2x 1.5 hrs online sessions) • YARC assessment materials: (marking and analysis completed by DES English team for each school). <p>Each project has a limit of 32 schools</p>	<p>£100 per school FOR TARGETED SCHOOLS</p> <p>£470 per school for Devon maintained schools</p> <p>£700 per school for all other schools</p>

English Professional Development Focussed on Teaching and Learning: Content and Pedagogical Subject Knowledge continued

Title and links	Structure and participants	Details	Cost
Using Re-Think Reading effectively to teach reading comprehension	Online training for teachers or subject leads. 1 day	This new course will support schools with making best use of the Re-Think Reading materials produced by the DES English team. The training will include: <ul style="list-style-type: none"> • Understanding the reading curriculum • Flexible ways to use the resources • Building a progressive reading curriculum • Effective reading pedagogy 	£100 per person for all schools

WRITING			
NEW in 2023/4 Developing Shared Writing	Face to face event	This event is a repeat of the new professional development opportunity from Spring 2024 and is based on materials produced by the DES English team to support schools with improving the teaching of writing with a focus on effective modelling. The event will: <ul style="list-style-type: none"> • Explore the research base for the importance of shared writing • Explore different models of shared writing • Consider how shared writing can be developed within any sequence of teaching • Provide opportunity to analyse practice with extensive video and classroom material 	£35 per person for Devon maintained schools £125 per person for all other schools
Using BookWrites Teaching sequences effectively to teach writing	Online training for subject leaders or teachers	This professional development provides an opportunity for those new to BookWrites teaching sequences for writing to explore the key aspects of effective teaching. It will also be appropriate for teachers or subject leaders who need to refresh their understanding and ensure they are making best use of the sequences. The training will focus on the DES English Team's BookWrites sequences for writing. There will be two parts to the training with an expectation that teachers will teach a sequence between the two sessions.	£100 per person for all schools

Title and links	Structure and participants	Details	Cost
Securing sentences: improving writing and grammatical understanding	Online training for teachers or subject leaders	<p>The intention of this professional development is to support teachers with effective strategies to assess and improve children’s grammatical understanding as well as application of skills in writing.</p> <p>The course will:</p> <ul style="list-style-type: none"> • Introduce high value assessment activities • Reinforce core grammatical subject knowledge • Support analysis of outcomes from assessment • Consider adaptation to planning to meet the identified needs of children <p>There will be two sessions with an expectation of teachers completing activities with children between the sessions.</p>	<p>£100 per person for all schools</p>

Y6 and Y2 Assessment			
KS2 statutory assessment training for year 6	Face to face event	<p>This event is designed to support all Y6 teachers with understanding statutory assessment requirements. It is recommended that Y6 teachers attend every year to ensure they are aware of any changes and can get a refresher of all expectations.</p> <p>The briefing will include:</p> <ul style="list-style-type: none"> • Changes to statutory requirements • Summary of key expectations in relation to SATs administration and statutory teacher assessment • Subject specific guidance and support in Maths and English 	<p>£80 per person for all schools</p>
Y6 Writing Standardisation and moderation sessions	2 x face to face events 1.15-4.15pm	<p>This professional development supports Y6 teacher with making statutory assessments of writing. These sessions are useful for any Y6 teacher as they provide the opportunity to work outside of your own school, federation or MAT and secure accurate writing assessment judgements. They are particularly recommended teachers new to Y6 or schools who expect to be externally moderated.</p> <p>There are two sessions:</p> <ul style="list-style-type: none"> • Session one will support understanding of the standards at WTS, EXS and GDS using samples of standardised writing. • Session two will provide a structured opportunity to moderate pupils’ writing with colleagues, supported by the English Team. 	<p>£100 per person for all schools</p>

Title and links	Structure and participants	Details	Cost
Y2 writing assessment: peer moderation	face to face event 13:15 – 16:15pm	<p>This professional development supports Y2 teacher with making end of key stage assessments of writing. These sessions are useful for any Y2 teacher as they provide the opportunity to work outside of your own school, federation or MAT and secure accurate writing assessment judgements. They are particularly recommended teachers new to Y2.</p> <p>The session will provide:</p> <ul style="list-style-type: none"> • Support for understanding the end of key stage 1 writing standards using examples of standardised writing. • A structured opportunity to moderate pupils' writing with colleagues, supported by the English Team. 	£50 per person for all schools