Support for secondary maths departments and teachers

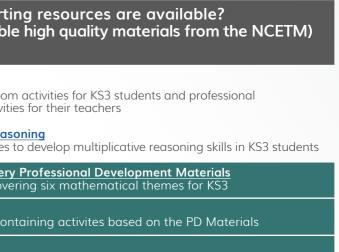
From the NCETM and Maths Hubs

Department or individual, HoD or classroom teacher, experienced or Early Career Teachers – we have professional development and classroom resources for you.

What is your departmental development need?	What professional development opportunities are available? (local face-to-face and online collaboration with other teachers and experts)	Who is this professional development suitable for?	What supporti (freely available
Focusing on the transition from primary to secondary	Years 5-8 Continuity Work Groups focusing on an effective primary-to-secondary transition	Classroom teachers from primary and secondary schools who teach KS2 and KS3, including secondary heads of department	<u>Checkpoints</u> diagnostic classroon development activiti
			Multiplicative Reas tools and resources
Developing teaching for mastery	<u>Secondary Teaching for Mastery Development Work Groups</u> for departments developing teaching for mastery collaboratively	Two teachers from a secondary maths department (one with some curriculum responsibility and one other maths teacher)	Secondary Mastery CPD resources cove
	<u>Secondary Mastery Specialists</u> for teachers looking to become experts in teaching for mastery	Classroom teachers, with more than two years' experience of teaching maths, who will be able to lead professional development for others	KS3 Key Ideas 52 PowerPoints con
	Post-16 GCSE/FSQ Mastery Specialists for teachers looking to become experts in teaching for mastery	For practitioners of post-16 GCSE Maths resit and/or Functional Skills Maths. Participants must have at least two years' experience teaching post-16	
Focusing on post-16	Developing A Level Pedagogy Work Groups (In conjunction with the AMSP) for teachers wanting to develop their A level Maths teaching.	Anyone who teaches A level Maths in a secondary school or post-16 college	
	Developing Core Maths Pedagogy Work Groups (In conjunction with the AMSP) for teachers wanting to develop their Core Maths teaching	Anyone who teaches Core Maths in a secondary school or post-16 college	
	<u>Specialist Knowledge for Teaching Mathematics: Core Maths Teachers</u> (In conjunction with the AMSP) for those who are new to teaching the qualification	Anyone who is new to teaching Core Maths	Visit the NCETM's po
	<u>Cross-Phase – Supporting Students to Achieve a L2 Qualification in Maths</u> for teachers whose students will study Level 2 maths across secondary and post-16	For teachers of GCSE Maths, and for those teaching GCSE Maths resit and/or Functional Skills Maths	
Developing an element of teaching for mastery or an aspect of pedagogy	<u>Secondary Sustaining Teaching for Mastery Work Groups</u> bespoke, collaborative CPD which responds to identified need, and involves working with around six other schools locally to reflect upon and refine mastery approaches	Classroom teachers of KS3 and KS4, including teachers of GCSE Maths and heads of department who have already taken part in a Development Work Group	Departmental Worl hour-long ready-to- Mathematical Pron
	NEW for 2024/25 – a focus on multiplicative reasoning at KS3		videos and PowerPo students' mathema
	<u>Securing Foundations at Year 7</u> offers ways to help students who need additional support to make good progress in KS3 and beyond	Teachers working with those Year 7 students who did not meet age related expectations in maths in Year 6	<u>Checkpoints</u> diagnostic classroon development activiti
Developing leadership	Secondary Maths Subject Leaders Community to develop and support secondary heads of maths	Secondary heads of maths	
	Secondary MAT Maths Leaders Community to support and develop those leading maths across multiple schools	Anyone who leads maths across multiple secondary schools within a multi-academy trust	Hubs working with understand how MA
	PD Lead Programme for those looking to become an accredited PD Lead	Teachers of maths who have existing commitments and responsibility for designing, leading and evaluating maths teacher professional development	
Supporting an Early Career Teacher (ECT) or non-specialist	Specialist Knowledge for Teaching Mathematics – Secondary Early Career Teachers for secondary maths teachers in their first two years of teaching	Secondary maths teachers in their first two years of teaching (Early Career Teachers)	Insights from exper videos of teachers e
	<u>Specialist Knowledge for Teaching Mathematics - Secondary Non-specialist Teachers</u> for those teaching secondary maths outside their usual subject area	Anyone teaching maths outside their usual subject area	Planning to Teach videos and resource
Supporting a teaching assistant	Specialist Knowledge for Teaching Mathematics - Secondary Teaching Assistants for secondary teaching assistants in the maths classroom	Any TA supporting maths	







post-16 webpage for features, podcasts and other resources

orkshops

p-use collaborative sessions for maths departments

ompts for Deeper Thinking Point slides for teachers to work together to explore atical thinking at KS3

om activities for KS3 students and professional ties for their teachers

th trusts

MATs can work in partnership with Maths Hubs

erienced teachers exploring the mastery materials in depth

h videos ces covering 12 KS3 maths topics



