

Maths Hubs continue to offer collaborative maths CPD this year, focused on supporting schools as they adapt teaching to meet pupils' needs during the ongoing pandemic. Maths Hubs go beyond this too, in supporting the development of mechanisms for sustained change. This example shows a pathway for primary schools:



Details of Maths Hubs across our region are shared in the table below, which indicates where places are still available. Use the links to secure a place:

Maths Hub	NW1	Turing NW	NW3	Abacus NW	West Yorkshire	North North West	Cheshire & Wirral	Yorkshire and the Humber
Local Authority Districts	Manchester, Bury, Oldham, Rochdale, Stockport	enquiries@mathshubsturingnw.co.uk Bolton, Salford, Tameside, Trafford, Warrington	https://nwmathshub3.co.uk/ Knowsley, Liverpool, Sefton, St Helens, Wigan	Blackburn with Darwen, Blackpool, Burnley, Chorley, Fylde, Hyndburn, Pendle, Preston, Rossendale, South Ribble, West Lancs	https://wymathshub.co.uk/ Bradford, Leeds, Calderdale	https://nnwmathshub.org.uk/ Lancaster, Ribble Valley, Wyre	https://cheshireandwirralmathshub.co.uk/ Halton, Wirral	https://mathshub.outwood.com/ Kirklees, Wakefield
Building Firm Mathematical Foundations in Reception Work Groups	✓	✓			✓			✓
Mastery Readiness Work Groups	✓		✓	✓	✓			✓
Primary Teaching for Mastery Development Work Groups	✓							✓
Primary Teaching for Mastery Embedding Work Groups	✓							✓
Primary Teaching for Mastery Sustaining Work Groups	✓	✓		✓	✓		✓	✓
Secondary Teaching for Mastery Development Work Groups	✓			✓				
Secondary Teaching for Mastery Embedding Year Support	✓	✓						
Secondary Teaching for Mastery Embedding and Sustaining Work Groups	✓	✓						
Mathematical thinking for GCSE Work Groups	✓	✓		✓				✓

Y5-Y8 continuity Work Groups	<u>✓</u>	✓	✓	<u>✓</u>	✓	✓	✓	✓
Challenging topics at GCSE Work Groups	<u>✓</u>	✓	✓	<u>✓</u>	✓	✓		✓
Supporting Post-16 GCSE Resit Work Groups	<u>✓</u>		✓	<u>✓</u>	✓	✓		✓
Supporting Core Maths Work Groups	<u>✓</u>	✓	✓	<u>✓</u>	✓	✓		
Developing A Level Pedagogy	<u>✓</u>	✓	✓	<u>✓</u>	✓	✓		✓
Working partnerships with ITT providers	✓	✓			✓		✓	✓
Specialist Knowledge for Teaching Mathematics Early Years Programme	<u>✓</u>	✓			✓	✓		✓
Specialist Knowledge for Teaching Mathematics Primary Programme	<u>✓</u>	✓		<u>✓</u>	✓			✓
Specialist Knowledge for Teaching Mathematics TA Programme	<u>✓</u>	✓			✓	✓		
KS3/4 Problem Solving	<u>✓</u>							
Diagnostics: Assessing and addressing children's difficulties with mathematics	<u>✓</u>							
Action Classroom Research	✓							
Manipulatives	✓							
Secondary Maths and SEND			✓					
Secondary Excellent Maths Teacher Programme			✓					
Secondary Mastery Readiness Programme			✓					
Supporting Secondary Maths NQTs				<u>✓</u>				
Supporting SEND Mathematics				<u>✓</u>				
Supporting Primary NQTs				<u>✓</u>				
Joined up Approaches for Teachers of Maths and Science				<u>✓</u>				
Secondary Mastery Readiness					✓			
Using Technology to Develop TfM					✓			

SKTM Secondary					✓			
Supporting TfM in Specialist SEND schools					✓			
Supporting NQTs and RQTs						✓		
NQT/RQT Support Programme for Secondary Maths Teachers							✓	
Learning TfM NQT/RQT – Topic Specific SKTM								✓
Learning TfM – Mastery Specific SKTM								✓
Leading TfM – HoDs / KS3 Leads Mastery in your department								✓

2020 DfE Guidance

NCETM have produced a **range of materials** and resources to support both primary and secondary teachers using the new **DfE Mathematics guidance**, including the **year-specific videos** that are part of the guidance.

