

Work Group

Work Groups have an emphasis on collaborating to support school- or department-wide development in maths, as well as supporting individual professional learning and development. Lead participant teachers develop their own practice by trying out new approaches in their own classrooms, and work with their colleagues in school to share ideas and establish approaches across their school or department. They also meet regularly during the year to collaborate with their peers locally. Work Groups are led by a teacher (or former teacher) expert, who is experienced in both maths education and in leading teacher professional development.

Programme

Programmes support individual teachers or leaders of maths in their professional development. There are two types: Specialist Knowledge for Teaching Mathematics (SKTM) programmes, where individuals develop specialist knowledge to improve their practice; and Local Leaders of Mathematics Education (LLME) development programmes, to equip practitioners to lead work with teachers and schools. Both involve participants joining a national or regional cohort of colleagues from other schools or colleges, and exploring centrally produced NCETM materials.

Community

Professional learning communities also emphasise supporting individual teachers or leaders of maths in their professional development. Participants collaborate formally and informally, over a sustained period of more than a year, to deepen their understanding of maths culture, curriculum, pedagogy, and professional development. Community Leads establish a professional learning culture that creates professional dialogue and mutual support, offering their own expert input where appropriate.

Types of professional development activity