

CASE STUDY:

Michael Drayton Junior School's Maths Hub Journey

School Context



Michael Drayton Junior School is a large junior school (598 pupils, ages 7-11) with diverse needs:

- 50% meet age-related expectations on entry
- 34% pupil premium
- 16% SEN, 8% EAL

Maths Hub Engagement



Since 2016, the school has worked with the Origin Maths Hub to improve maths teaching. This has included:

- Participation in Teaching for Mastery (TfM) Work Groups.
- Training for all new teachers and TAs in Subject Knowledge for Teaching Mathematics (SKTM).
- Focus on consistency, quality planning, and strong pedagogy.

Impact on Teaching & Learning



- External reviews highlight high-quality maths teaching and effective leadership.
- Structured teaching supports all learners through whole-class teaching with adaptations for diverse needs.
- Use of resources such as place value counters and stem sentences enhances understanding.

Impact on Pupils



- SATs results improved from 48% (2016) to a more consistent 68-74% range.
- Pupils report enjoying maths, particularly the structured progression in lessons.
- Improved reasoning skills and mathematical fluency observed.

Key Initiatives & Their Impact



- **Mastering Number:** Increased fluency in addition, subtraction, and multiplicative thinking.
- **Year 5-8 Work Group:** Strengthened transition to secondary school through collaboration with local schools.
- **Mastery Specialist Training:** Deepened leadership expertise, improving curriculum delivery and professional development.
- **Headteacher Advocacy:** Promotes engagement with Maths Hubs across schools, supporting wider school improvement.

Curriculum Development



- Transitioning from White Rose to NCETM Curriculum Prioritisation Materials for greater coherence.
- Use of 'Ready to Progress' materials for targeted catch-up interventions.

Next Steps



- Refining lesson structure and independent practice to ensure success for all pupils.
- Exploring professional development models such as collaborative planning and live lessons.
- Strengthening support for disadvantaged and SEND pupils, including parental engagement.

This case study showcases how sustained engagement with Maths Hub initiatives has transformed maths teaching and outcomes at Michael Drayton Junior School, benefiting both staff and pupils.