

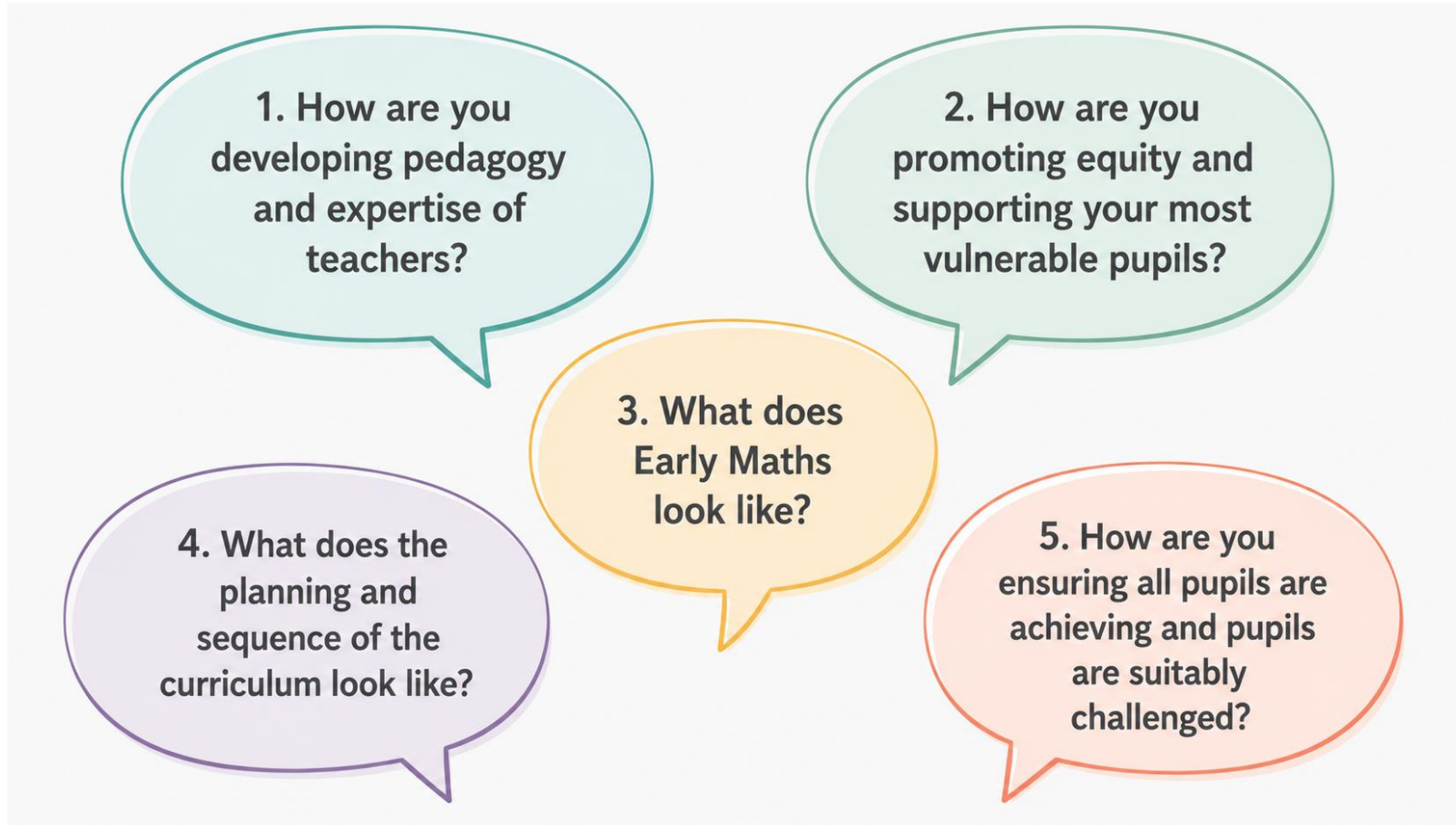
Every Child a Mathematician

What Ofsted are asking — and how East Midlands West Maths Hub can help.

Working together to strengthen maths teaching, curriculum delivery and equity.



What are Ofsted asking?



Why work with East Midlands West Maths Hub?

1



Access to
High-Quality,
Evidence-Led
Professional
Development

2



Stronger
Teacher
Expertise and
Confidence

3



Improved
Curriculum
Design and
Lesson Planning

4



High-Quality
Classroom Practice
and Pupil Engagement

5



More Inclusive
Maths Provision
for All Pupils

1. Access to high-quality, evidence-led professional development

Sustained support that builds capacity over time



- East Midlands West Maths Hub provides sustained, evidence-led CPD rooted in effective classroom practice.



- Staff develop stronger subject knowledge and pedagogy through professional collaboration and reflective practice.



- Teachers learn from others, refine their practice and adopt approaches that positively impact pupils' learning.



- Professional development supports teacher confidence, motivation and retention, helping schools build strong maths teams.



“Teachers’ involvement with their local Maths Hub has led to a sense of shared ownership and a common understanding of the approach.”

Ongoing engagement has “ensured sustained school improvement. Staff share their educational research widely.”



2. Stronger teacher expertise and confidence

Stronger subject knowledge, confidence and pedagogical expertise



- Working with the Maths Hub strengthens teachers' subject knowledge, confidence and pedagogical expertise.



- Staff are supported to refine key aspects of effective maths teaching, including:
 - Purposeful questioning
 - Clear modelling
 - Precise mathematical vocabulary
 - Effective use of representations and manipulatives



- This helps develop greater consistency in maths teaching across the school.



- Teachers become more confident in explaining concepts clearly and supporting pupils to reason mathematically.



“This is helping pupils to develop their mathematical fluency, reasoning and problem solving ... greater consistency in the way mathematics is taught.”



3. Improved curriculum design and lesson planning

Curriculum coherence, sequencing and lesson design



- Maths Hub work supports schools to think carefully about curriculum coherence, sequencing and lesson design.



- Teachers are supported to plan in small, connected steps that build understanding over time.



- Staff become less reliant on pre-made schemes or slides and take greater ownership of lesson design.



- Lessons show clear progression and use purposeful variation to deepen pupils' understanding.



- This supports pupils to develop secure knowledge and make meaningful connections across mathematical concepts.



“pupils gain a real depth and breadth of understanding of complex topics. As a result, they achieve highly.”



4. High-quality classroom practice and pupil engagement

High-quality, engaging lessons with meaningful mathematical talk and reasoning



- East Midlands West Maths Hub promotes collaboration and professional dialogue to strengthen classroom practice.



- Teachers refine their approach so that lessons are engaging, purposeful and mathematically rich.



- Pupils are given regular opportunities for mathematical talk, reasoning and problem-solving.



- Pupils learn to use precise mathematical language, think deeply, make connections and retain knowledge securely.



- Improved fluency supports pupils to work with increasing confidence and independence.



“pupils’ rapid recall of key facts has improved.”

*“increasing independence and confidence ...
Pupils enjoy mathematics and achieve well.”*



5. More inclusive maths provision for all pupils

All pupils can succeed in mathematics



- East Midlands West Maths Hub promotes equity through the belief that all pupils can succeed in mathematics.



- Teaching for mastery supports schools to improve access to maths for all learners.



- Professional development helps schools to narrow attainment gaps, including for vulnerable pupils and pupils with SEND.



- Teachers, support staff and leaders work together to strengthen inclusive practice across the school.



- More pupils experience success in mathematics through high expectations, carefully structured teaching and appropriate support.



“This has had an impact on how well pupils achieve. Pupils’ outcomes are above national averages.”

“Pupils enjoy mathematics and achieve well.”



In summary...

1



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MATHSHUBS

EAST MIDLANDS WEST