How does *MathsBeat* meet the requirements of the new Ofsted Framework?

**Key features and benefits of MathsBeat**

- Fully matched to the latest UK Curricula
- A digitally-led, flexible resource to support teaching for mastery either as a whole-school programme or to supplement other programmes
- Supports areas of maths that teachers have told us are challenging, including: addressing mixed attainment, assessing for depth of understanding, how to go deeper and knowing when to move children on
- Embedded professional development to build subject knowledge and deepen understanding of how to teach and assess for mastery
- Supported by a community of teachers who have trialled *MathsBeat* in the classroom and helped us to craft the perfect resource

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<tr>
<th>The aims of the new framework</th>
<th>How <em>MathsBeat</em> delivers these aims</th>
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<td>‘Be efficient and effective in the use of resources’</td>
<td><em>MathsBeat</em> provides a flexible set of planning, teaching and assessment resources, which have been crafted by teachers who understand the challenges of teaching for mastery within a UK classroom.</td>
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<td>‘Give all learners the knowledge they need to succeed in life’</td>
<td>The intent of <em>MathsBeat</em> is to enable all children to engage in mathematical activities, which develop their procedural fluency and their conceptual understanding, and also provide plenty of opportunities for reasoning and problem solving. Matched to all UK curricula, <em>MathsBeat</em> provides depth and challenge for all levels of learner, and there are lots of activities to give children the depth of knowledge they need. These include activities for children who need further support as well as those who are ready for greater depth.</td>
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<td>‘Teaching is designed to help learners to remember in the long term the content they have been taught, integrating new knowledge’</td>
<td><em>MathsBeat</em> is broken down into sequences of tasks to support planning, teaching and assessment. In each of the tasks there are opportunities to develop fluency, as well as reasoning and problem solving. The carefully designed progression in <em>MathsBeat</em> builds on knowledge and skills year on year, enabling children to draw on prior knowledge to apply learning to solve unfamiliar problems. For each teaching sequence, pre-requisite knowledge is listed as well suggestions for pre-emptive teaching.</td>
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**The resources and materials that teachers select do not create unnecessary workload for staff**

The online digital planner provides key planning materials, termly schedules and lists up front all the resources a teacher needs for each and every task, so teachers can prepare in advance. Everything teachers need is in one place, with added flexibility to upload their own resources and share them with other teachers. A comprehensive bank of supporting resources, includes front-of-class slides and downloadable practice activities. The IWB tool includes all the common models and representations used within the MathsBeat tasks. Supported by Teacher’s Handbooks, which provide more detail on key learning points, show progression through the National Curriculum and give useful guidance on getting children to the expected standard.

**Leaders do not use assessment in a way that creates unnecessary burdens for staff or learners**

Simple integrated assessments are provided at every stage to ensure that the needs of every child are being met. Assessment for learning prompts appear after each learning task and support teachers in knowing when to move children on and identifying what to look out for, including predicted misconceptions and suggestions for in-class intervention. At the start of each unit, the aims of the unit set out examples of questions or tasks to use to indicate that the teaching has been successful.

**Maths:**

‘Teachers check learners’ understanding systematically, identify misconceptions accurately and provide clear, direct feedback’

‘Look for and Listen for’ features support teachers in identifying: what ‘on track’ for a task might look and sound like; what misconceptions or what procedural mistakes might arise; what conceptual wobbles you might notice. The Teacher’s Handbook provides visual case studies of children’s work, as well as real conversations between teachers and children, with detailed commentary.

**Maths:**

‘Non-specialists have sufficient mathematical and teaching content knowledge to deliver topics effectively’

MathsBeat caters for all levels of teaching experience, providing extra detail, support and prompts for less experienced teachers within the digital planner and PD videos.

**Maths:**

‘There is flexibility in curriculum planning so that the school can address identified gaps in pupils’ mathematical knowledge that hinder their capacity to learn and apply new content.’

MathsBeat provides pre-emptive teaching ideas to address any gaps, and for each task, guidance for support or deepening understanding to keep the whole class working together.

Additional information about the 2019 Ofsted Framework can be found online at: [https://www.gov.uk/government/publications/education-inspection-framework](https://www.gov.uk/government/publications/education-inspection-framework)