

How Maths has developed – route map over my time in Maths leadership

| 2017-18 | 2018-19 | | | 2019-20 | | |
|---|---|--|--|---|---|--|
| | Autumn term | Spring term | Summer term | Autumn term | Spring term | Summer term |
| <p>Headlines: no consistent approach to teaching Maths, staff were beginning an awareness in teaching for mastery, Maths Passports was replaced with daily mathematical facts sessions called ‘Number Sense’ (following research).</p> <p>Shadowed Maths alongside the Maths subject lead (at the time).</p> <p>Changes were suggested to take ‘Maths Passports’ away and replace this with a more whole class approach to the learning of Maths facts.</p> <p>Took over Maths subject leadership.</p> | <p>Consistency was identified as an area of need by the Maths subject leader.</p> <p>Maths subject lead trialled the new Mathematics lesson design (DSD approach) within Year 2 setting. Discussions were had with members who had done some action research into the approach the previous year.</p> <p>Staff questionnaire administered to determine knowledge around the new lesson design</p> <p>Timetables were amended to ensure that everybody had a short Maths lesson and a Number Sense session in place.</p> <p>Staff meeting led to share new lesson design alongside twilight evening.</p> <p>Introduction of the ‘Monthly Maths Challenge’ to raise the profile of Maths across the school.</p> | <p>It was expected that all class teachers use the new DSD lesson design.</p> <p>Whole school pupil voice conducted within KS1 and KS2 to determine pupil attitudes towards new lesson design and actions moving forward.</p> <p>Documents created to support staff when planning e.g. DSD activity suggestions, WMLL</p> <p>Maths Through Stories Day to further develop profile of Maths in the world around us.</p> <p>Staff meetings led to teachers and TAs on key Maths updates with lesson design based on recent monitoring.</p> | <p>Supporting local schools with Maths subject leadership further developed Maths Subject Leader’s CPD.</p> <p>Support planning meetings provided for particular members of staff in order to strengthen their knowledge of progressive planning.</p> <p>Documents created to respond to staff concerns e.g. how to approach live feedback etc.</p> <p>Staff meeting led on Active Maths – CPD links here with PE.</p> | <p>Name of Number Sense sessions amended to ‘Maths Meetings’ to ensure clarity of this session.</p> <p>CanDo Maths was bought in to give a structured approach to overview of manageable steps.</p> <p>CanDo Maths assessments were introduced for consistency and to ensure attainment tracked now that data is only submitted once per term.</p> <p>Staff encouraged to plan using the QLA from these assessments.</p> <p>Calculation policy reviewed and changed to respond to Can Do Maths.</p> <p>Introduction of ‘Times Table Rockstars’ to respond to needs arising from the pilot MTC.</p> <p>Staff meetings led for Teachers and TAs to update on lesson design.</p> | <p>Supporting local schools with Maths subject leadership further developed Maths Subject Leader’s CPD.</p> <p>Data from the assessments used as a tool when monitoring – especially pupil voice during learning walks.</p> <p>NSPCC Number Day to further develop profile of Maths in the world around us.</p> <p>‘Times Table Rockstars’ rolled out to Year 5 pupils to maintain importance of tables presence.</p> <p>Staff meeting led to dive deeper into specifics: variation being a key theme.</p> <p>Focus on Maths in EYFS to ensure consistency moving into Year One and a focused view on what Maths looks like in this context – document updated and used during monitoring.</p> <p>Deep Dive into Maths conducted by the trust’s deputy CEO to provide action points moving forward.</p> | <p>School closure: ‘Times Table Rockstars’ rolled out from Years 2-6</p> <p>Key documents created to move maths monitoring and leadership forward</p> <p>‘Back to Maths plan’ created and shared with staff to ensure gaps are properly addressed</p> |

| 2020-21 | | | 2021-22 | | | 2022-23 | | |
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| Autumn term | Spring term | Summer term | Autumn term | Spring term | Summer term | Autumn term | Spring term | Future plans |
| <p>Maths Subject leader left for maternity leave – due to return in July 2021.</p> <p>Maths subject leadership monitored by a member of SLT.</p> <p>On and off school closures and persistent absence due to the pandemic meant that things remained steady for Mathematics rather than implementing anything new.</p> | | <p>Discussions held between staff about how to plug gaps and ensure that pupils were ready for the new year group.</p> | <p>Introduction of the Ready to Progress tests to inform teaching – gaps due to pandemic were addressed through Maths Meetings.</p> <p>Staff meeting held to discuss feedback from monitoring. STEM sentences were formalised, currently being trialled with sticking into books in KS2. Having a positive effect on learning.</p> <p>Introduction of a structured approach to Maths meetings – tighter expectations from Maths lead about what these should entail.</p> <p>Half termly Remember It assessments formalised.</p> <p>Introduction of times table baseline for LKS2 (and Spring term).</p> | <p>Maths lead led a TA staff meeting as part of their CPD programme. Particularly around feedback and marking.</p> <p>Maths lead led a staff meeting for teachers – CPD on bar modelling.</p> <p>Heavy focus on the MTC check for LKS2.</p> | <p>External SIP led a deep dive into Maths across the school.</p> <p>Meeting held with LKS2 and SLT to discuss outcomes from the MTC and actions moving forward.</p> <p>Pupil voice and monitoring continued to create actions for Autumn term.</p> <p>Meetings held with EYFS team to ensure Y1 readiness is planned for.</p> | <p>Monthly Maths challenge starting again to continue to raise the profile of Maths and put a higher priority on parental engagement and interest.</p> <p>Maths lead put in place that all classes will follow CanDo Maths outline for Maths Meetings. X1 session a week will be a weekly arithmetic test.</p> <p>Higher priority on assessment QLA's to inform the planning of deliberate practice sessions.</p> <p>Maths lead supporting other schools with their timetabling of Maths Meetings and how to structure these.</p> | <p>Maths lead led a staff meeting on lesson design.</p> <p>Maths lead led a TA staff meeting on scaffolding pupils, including a focus on 'learned helplessness'.</p> <p>Number Stacks intervention brought in and roll out begun.</p> <p>Three ECTs continue to take part in workgroups organised by local Maths Hub.</p> <p>Maths lead continues to take part in SLNM's organised by the local authority as well as trust-wide networking and PD meetings.</p> | <p>STEM sentences to be stuck into all books to hold a high priority on mathematical vocabulary, not just on working walls?? Evaluate impact.</p> <p>STEM day planned in for the Summer term.</p> <p>Monitoring the use of bar modelling as a visual more tightly and ensuring that our representation progression document is being followed.</p> <p>Calculation policy formalised for EYFS? To be discussed with other schools.</p> |