

Maths Curriculum Impact Statement 2024



Overall synopsis / developments:

This year, I have listened to pupil voice and staff voice about our maths curriculum. As a school, we have worked hard this year to build upon our White Rose curriculum with extra opportunities to develop rapid recall and flexibility with times tables. Our EYFS and KS1 children have been part of the NCETM Mastering Number programme for a number of years which has had a huge impact on automaticity with number facts such as number bonds, doubles, near doubles and composition of number. This year our Year 4 and Year 5 pupils took part in the new KS2 Mastering Number programme aimed at developing multiplicative reasoning. We have been part of the first group of schools in the country to take part in this new exciting programme. This will complement the number facts sessions happening in KS1 to further develop fluency across school. It will also develop our pupils' understanding of multiplication and division.

In addition, I further developed our bespoke times tables initiative across school called 'Karate Maths' to motivate and reward children for learning in times tables. This launched last year with a real karate Sensei leading a karate maths assembly to spark interest and children wearing their marshal art outfits (gis) to school that day. Children are invited to karate maths club on Tuesday lunch times to practise times tables with myself and the maths ambassadors. If they feel they are ready to go for their karate maths belt they are graded and awarded the corresponding colour of belt that matches their times table knowledge. Each times table has a colour assigned to it matching the karate belt grading system. Certificates and belts are awarded in celebration assemblies. The children are enjoying this and are practising with the older children in school.

This year we had an Ofsted inspection and a deep dive was carried out in maths. As maths lead, I met with the inspector and carried out book looks, subject interviews and lesson observations jointly with the inspector. The

Maths in the EYFS:

Maths in the EYFS is good. Maths is taught daily in Reception. The children have opportunities to reinforce mathematics learning regularly through areas of indoor and outdoor provision. The children also take part in the NCETM Mastering Number programme to develop proficiency and automaticity with number facts.

Data overview for Maths

Percentage of children at the Expected Standard or better (age appropriate)

Reception	Key Stage 1	Key Stage 2	Whole school
89.3%	85.5%	86.1%	85.9%
Maths SATs results 2023		81.4% EXS	33.3% GDS

* Subject in EYFS = Mathematics

Highlights / Life in all its fullness:

- Working alongside the Maths link governor- Alison McGarel
- Ongoing maths Staff CPD throughout the year to staff and teachers from other schools
- Weekly Karate Maths club to allow children to practise time tables with older children
- Maths Ambassadors fully involved with supporting the maths lead and with running Karate Maths Club
- Launch of the KS2 Mastering Number programme
- Y6 SATS results, especially the number reaching Greater Depth
- Successful Ofsted deep dive in Maths with exceptional feedback from the inspector

feedback was overwhelmingly positive about maths. The inspector told me that 'other schools need to visit our school to see what we are doing in maths'. Our maths curriculum, resources and staff training model have been shared with other schools over the year and I have offered support to eight other schools, sharing our good practice in maths.

As a Primary Maths Mastery Specialist for Abacus Maths Hub, I have worked closely with the Hub this year, disseminating updates and maths training to my colleagues in school, in schools in our SIG group and with schools across the North West through my workgroups with the Maths Hub. I have led demonstration maths lessons for colleagues and led open lesson demonstrations for the Maths Hub as part of their offer of professional development for teachers.

Subject leadership - CPD, Monitoring and books:

Learning walks and pupil voice have indicated that our focus on fluency across school is having a positive impact on children's automaticity, accuracy and flexibility with number facts.

Pupil voice (including ambassadors)

The children have commented that they love Karate Maths and working their way through the karate belts and that the maths ambassadors help them to practise their times tables at break.

The Maths Ambassadors from Y5 and Y6 have had a big impact this year on making maths fun across school by helping me to run Karate Maths club. Children in EYFS and KS1 enjoy the Mastering Numbers sessions, especially the Number Blocks programmes and use of the rekenreks. Pupils in Y4 and Y5 are enjoying the new KS2 Mastering Number programme and are 'Going for Gold!' with their times tables.