

CURRICULUM ACTION PLAN 2022-23

Date:	October 2022	Subject/Focus Area:	Maths	Completed by:	Kimberley Herriman (Maths lead)
Links to Whole School Development Priorities (please tick the last column to show which priority your objectives link to)	To further develop how teachers plan and assess in *Foundation Subjects (*all taught subjects apart from Reading, Writing and Maths)				
	Children from FS2 to Y6 to make at least good progress in targeted areas of Writing e.g. spelling				
	To improve whole school attendance and the attendance of identified groups of children across the school				
	To develop support, training and moderation opportunities for teaching staff with local partner schools				x
		<p style="text-align: center;">Vision statement:</p> <p>At Markeaton Primary School, we believe mathematics is a creative and highly interconnected subject that is essential to everyday life, not only as a keystone to science, technology and computing, but also in the wider world.</p> <p>Our mathematics provision at Markeaton Primary School provides children with the foundation for understanding number, the ability to reason, think logically and problem solve with resilience in order to prepare them for life in the wider world; therefore it is essential that it is embedded throughout all strands of the National Curriculum.</p> <p>By adopting a mastery approach, it is intended that all children, regardless of their starting point, leave Markeaton Primary School with an appreciation and enthusiasm for maths, resulting in a lifelong positive relationship with number.</p>			
<p style="text-align: center;">Curriculum Family Target</p> <p>To host a STEM week promoting the STEM subjects and to raise funds in order to replenish STEM specific literature for the library.</p>					

Targets (please highlight any targets which strengthen the connectivity of the curriculum)	Implementation How are we going to do it?					Impact What will be the impact and how will we know?	
Objective	Action(s)	Staff	Resources (costs if applicable)	Start date	End date	Success criteria	Monitoring
To ensure consistent and correct use of mathematical vocabulary throughout the school.	<p>Staff meeting on key mathematical vocabulary and the importance of consistency.</p> <p>Lesson observations Scrutiny of planning/book looks/learning environment including working walls</p> <p>Purchase of White Rose CPD videos to introduce/revisit key terminology prior to learning units for all teaching staff.</p>	All	£300 White Rose subscription	October 2022	July 2023	All teachers will have a secure knowledge of manipulatives and use them confidently within their maths lessons. Use of manipulatives will be evident in planning and books.	<p>Walkrounds</p> <p>Pupil voice</p> <p>Books</p> <p>Lesson observations</p> <p>Twitter (maths lesson pictures)</p> <p>Planning scrutiny</p>
To increase connectivity between maths and the wider curriculum (continued from last year due to 2-year cycle)	<p>Lead departments to actively seek meaningful links between maths and all other curricular subjects.</p> <p>Ensure opportunities to include maths are highlighted and encouraged.</p> <p>Staff meeting to share ideas on how to include maths across the curriculum.</p>	<p>KH to lead</p> <p>All staff (planning)</p> <p>STEM family to ensure maths opportunities are taken</p>	Cover costs for planning scrutiny	September 2021 (continuing)	July 2023	<p>Maths will be seen as an enjoyable and exciting subject that underpins other learning.</p> <p>Children will see the interconnectivity of maths in relation to the wider curriculum.</p> <p>Plans reflect connectivity.</p>	<p>Walkrounds</p> <p>Pupil voice</p> <p>Books</p> <p>Lesson observations</p> <p>Twitter (maths lesson pictures)</p> <p>Planning scrutiny</p>

		within teams.				Teachers are proactive in seeking opportunities for cross-curricular learning.	
To promote fluency and recall of times tables knowledge (KS2).	<p>Host a TT Rockstars Number Day for NSPCC. Throughout the day, promoting and rewarding different tournaments for TTRS (KS2) and Numbots (KS1).</p> <p>To share literature with parents regarding TTRS updates, including heatmaps and studio times.</p> <p>Y6 children to lead a times tables recall session for Y4 children to promote fluency (x2 a week during assembly times)</p> <p>Introduce staff to 'Rolling numbers' during maths staff meeting (TTRS)</p>	<p>KH to lead</p> <p>Whole school</p>	Curriculum subject lead time	October 2022	July 2023	Y4 MTP data will see an increase in attainment. Children's data on TTRS will show a decrease in speed and increase in fluency of rapid recall of tables.	<p>Walkrounds</p> <p>Pupil voice Books</p> <p>TTRS data scrutiny</p>
To enrich the curriculum beyond classroom learning for more able children.	<p>CPD on extending thinking through questioning for more able children (White Rose "Mathematical talk & questioning" online CPD)</p> <p>Developing the use of deepening stars within the</p>	<p>KH to organise</p> <p>All staff</p>	<p>£300 White Rose CPD subscription</p> <p>2 x staff meeting sessions</p> <p>1 x INSET session (KH to lead)</p>	<p>October 2022</p> <p>September 2022</p>	July 2023	KS1 and KS2 statutory assessment data will show an increase in scaled scores for those children working at Greater Depth. Pupil voice will show an increased love of maths and	<p>Walkrounds</p> <p>Pupil voice Books</p> <p>Lesson observations</p> <p>Planning scrutiny</p>

	<p>classroom to extend more able children's' thinking.</p> <p>Developing the use of the 'Now What' bubbles within lessons to extend all children's mathematical thinking.</p> <p>CPD on the structure of maths lessons (including designing tasks for the more able)</p> <p>Participation in UKMT maths challenges (KH to run UKS2 club)</p>	KH				<p>books will show enhanced opportunities to deepen understanding and critical thinking.</p>	
Additional Notes							