

Improve Progress and Achievement in all year groups across the school in Mathematics

	EYFS target	Summer		Yr 2 Target	Summer	MA – WTS KS1 MB – GDS KS1	Year 6 TA target 24 children	Prediction based on KS1 APS 19 children	Summer
% at GLD			% at ARE			% at ARE			
% exceeding			% exceeding			% exceeding			
Objective	Planned Impact	Process	Who When	Resources	Monitor?	Review	Next Steps		
To ensure targeted interventions for children with gaps are in place.	The majority of children will be on track to meet their targets. Children struggling will have been given support through personalised learning and 1:1 tutoring where possible.	Set aspirational targets for children. Use personalised learning for those children not understanding concepts in lessons. Target children for tutor time.	RH SLT TAs Autumn term	TA time	RH KW SLT				
To evaluate Oak National resources to support computing curriculum	Teachers will be aware of materials to support learning available on the Oak national academy and use them to support their planning and teaching if appropriate.	RH and staff to regularly explore new content on Oak National and revise planning and teaching if appropriate.	RH Staff On going	Time	RH KW SLT				
To create further on line videos to support parents in teaching mathematics based on calculation policy	Videos will be available to parents to support with the learning of strategies from the calculation policy	RH to show staff how to create video using SMART notebook and give staff meeting time to this	RH SLT Autumn start then on going	Staff time Staff meeting time	RH KW SLT				
To develop understanding of staff of the importance of learning and applying number bonds.	Staff will devote regular time in lessons to exploring individual number bonds and then apply them to calculations and problems. E.g. $5+3=8$ can be applied to $15 + 8 = 15 + 5 + 3$ and $25+8$ $45+8$ etc. Similarly for $17 + 8$. Children will not be using strategies that require counting on in 1.	Staff meeting time where teachers discuss strategies that can be used to work out number bonds and apply them. Staff will explore using Numicon and understand why using Dienes can encourage counting in 1s. E.g. $5+3 = 8$ count to 5 and then count on to 8.	RH SLT Autumn staff meeting	Staff time Staff meeting time	RH KW SLT				
To explore mental arithmetic skills	Staff will be teaching mental arithmetic skills that require fluency in number bonds and multiplication facts to foster greater fluency and over dependence on written calculations	Staff meeting to explore various mental arithmetic calculations that are alternatives to written calculations. Share mental arithmetic calculations that are appropriate for each year group and ask teachers to trial in lessons	RH SLT Staff Non contact time	Staff time Staff meeting time	RH KW SLT				
To know children's views about mathematics teaching and learning	Maths lead will know the children's opinions about the teaching and learning of mathematics in school. Staff will be aware of views of children and make changes accordingly if possible.	RH to use non contact time to interview groups of three children from each class and find out their views using a simple questionnaire	RH SLT Staff Non contact time	Leadership time	RH KW SLT				
To identify priority rapid recaller pupils who lack fluency in mathematical recall	Each class teacher and the maths leader will be aware of which children who are struggling to learn their number bonds and multiplication facts of their year group for fluency and be putting in support to help them to improve.	RH to set up bottom 20% proforma in the same way RF's reading proforma. Discuss with KS2 before bringing whole school.	RH SLT Spring Term	Staff meeting and leadership time	RH SLT	Staff using target 18 of 55 club as benchmark in KS2 and rechecking each half term for progress	Discuss with staff and rebrand as priority mathematicians.		
To re-establish Numicon usage in	In year 2 to use Numicon Firm Foundations and Numicon 1 as interventions for children	RH to support LG in year 2 with use of Numicon resources to support less	RH Staff	Staff meeting time	RH				

school as an intervention for children falling behind with their number sense?	struggling with Number sense.	able as an intervention.	Spring term				
To improve fluency and recall of times tables	Children across school will continue to use number bond related games in class at the start of the lessons.	Staff meeting when teachers bring games that they find successful to share.	RH SLT Whole Staff Autumn	Staff meeting		Focus for Maths observations in Spring term	RH observed all staff except RF and year 1 teacher. Outcomes very encouraging.
To ensure new staff are following whole school approaches for mathematics	Staff will use Keen Kite resources to deepen learning and stretch the more able, TALK IT SOLVE IT to promote the use of mathematical language, 55 club to assess tables progress, KS2 mathematics homework	Books will clearly show this with Keen Kite questions stuck into books	RH SLT Staff Autumn and on going	Staff meeting time	RH	Staff Meeting has revisited all whole school approaches	Lisa using whole school policies and approaches.
To ensure that the use of 'Rolling Numbers' is re-established across the school	All children across school will know the 'Rolling Numbers' for the times tables appropriate to their year group. This approach has not been used for a year because of Covid-19.	Teachers will teach the Rolling Number to their classes. RH will monitor as part of observations.	RH SLT Staff Autumn term	Discuss at staff meeting	RH to monitor through discussion at staff meeting	Now Covid restrictions have eased staff are encouraged to revisit this.	In use in some year groups but need to reinvigorate across school.
To use purple pens for improvement marking	Improvement in Maths books will be completed in purple pen	Improvement will be completed in purple pen and be evidenced in book scrutiny	RH SLT Autumn and on going	Purchase of pens in some classes	Scrutiny of marking	This is happening across school	Purple pens in use for improvement.