

## Achievement:

attainment and progress and quality of learning for individuals in Maths.

### End of 2017:

- EYFS progress was good
- Attainment 70% in Number 74% in Shape and space achieving age related attainment.
- KS1 attained 71% with 22% exceeding
- UKS2 attained 54% with 14% exceeding

### Success criteria:

- Children to achieve 6+ points progress throughout the year.

KS1

77% to reach national expectations or above (69% achieved GLD)

21% above national expectations

KS2

74% to reach national expectations or above (79% achieved 2b+ at KS1)

26% above national expectations

Action:	Led and supported by:	Impact:	Monitoring the impact?	Start/finish date	CPD?	Impact Autumn Term	Impact Spring Term	Impact Summer Term
Working with Maths Hub to raise attainment.	ST/SC / Maths Hub	To support with confidence in teaching maths across the school and reinforce mastery. Share expertise with others to help raise attainment across the school.	Maths hub leaders/ST/SC/AC to monitor impact on attainment.	Sept 17-July 2018	Termly for ST/SC/ Whole school with Maths Hub Leaders.	Working with Strength in Numbers Hub as well now.		
Continue to implement mastery of maths across the school with first term focus on number.	ST/SC	To continue to develop mastery and greater depth in maths. Supporting children with strategies to solve problems in everyday challenges.	ST/SC/AC to observe mastery in learning walks.	Ongoing	Maths Hub/In house.	Good boost of Number and stuck with it until the children were		

Raise subject knowledge in class teaching through maths hub experts.	ST/SC / Maths Hub	Raise subject knowledge in maths across all teaching staff and correct use of vocabulary to raise attainment.	Maths hub leaders/ST/SC/ AC to monitor impact on attainment.	Ongoing	Maths Hub/In house.	TPAT inset day boosted subject knowledge for teachers 31.10.17 Staff meetings		
Introduce 99 maths club across the school.	ST/SC	Increased mental maths skills and quick number recall. Improved mental maths results.	ST/SC to ensure this is carried out weekly and celebrated across the school with wristbands.	Sept 17	Staff meeting	Vey positive across the school. children rising to weekly challenge and arithmetic improving.		
Rigorous catch up 1:1 and small group intervention daily.	Class teachers/ GME	To address any misconceptions on the day and pre teach to ensure children can access their learning effectively and to keep all children on track.	Phase Leaders/ST/SC to monitor that children are having their misconceptions addressed on that day where possible.	Ongoing	None	Implemented across Phase 1 and 2.		
Half termly testing yr1- Yr6.	All Staff	Embed the use of half termly testing to raise children's confidence in sitting tests and Kangaroo Maths and Oxford Owls to help teachers evidence standards.	Half termly Phase Leaders and ST to look at results to ensure children are attaining and progressing at a national level.	Oct '17 Dec '17 Feb '18 Apr '18 Jun '18 Jul '18	None	Children have more confidence and resilience when doing tests.		
Testbased questions weekly.	All Staff	Embed use of Testbase questions weekly to ensure children are applying and accessing the most up to date material.	ST/SC through book scrutiny and pupil conferencing.	Weekly	None	KS2 using weekly		

Target more able children to make accelerated progress.	Class teachers/ Phase leaders/ ST/SC	Use of half termly testing to ensure that more able children make accelerated progress. Yr 1- 2 children 5% Yr 2-7 children 16 % Yr 3-8 children 22% Yr 4-4 children 10% Yr 5-10 children 24% Yr 6- 9 children 24%	Half termly Phase Leaders and ST/SC to look at results to ensure children are attaining and progressing at an accelerated progress and demonstrate greater depth in their workings.	Oct '17 Dec '17 Feb '18 Apr '18 Jun '18 Jul '18	None	CP2 Yr1-4 Yr2-4 Yr3-8 Yr4-10 Yr 5-8 Yr6- 18		
EYFS-Raise number of children achieved GLD point 3 in Number.	ST/HS/ STal	Use Porthleven Plan to trial and support progressive planning to move children forward.	ST and HS	Oct '17 Dec '17 Feb '18 Apr '18 Jun '18 Jul '18	bv	Implementatio n of Numbers Make sense		
Phase 1-Target children at 1.4	Class teachers/ KM/ST	Use of daily and weekly assessment and half termly testing to ensure that off track children make accelerated progress to get them back on track. (8 children- 20%-Yr 2)	Half termly Phase Leaders and ST/SC to look at results to ensure children are attaining and progressing at an accelerated progress to get back on track.	Oct '17 Dec '17 Feb '18 Apr '18 Jun '18 Jul '18	None	8 Children still 2 points off - CM to carryout same day intervention		
Phase 2-Target children at 3.4	Class teachers/ TP/ST	Use of daily and weekly assessment and half termly testing to ensure that off track children make accelerated progress to get them back on track. (5 children- 13%-Yr 4)	Half termly Phase Leaders and ST/SC to look at results to ensure children are attaining and progressing at an accelerated progress to get back on track.	Oct '17 Dec '17 Feb '18 Apr '18 Jun '18 Jul '18	None	4 Children off by 2 points		
Phase 3-Build confidence in answering reasoning questions-(multi step) Target children at 5.4	Class teachers/ LH/ST	Use of daily and weekly assessment and half termly testing to ensure that off track children make accelerated progress to get them back on track. (3 children-9% -Yr 6)	Half termly Phase Leaders and ST/SC to look at results to ensure children are attaining and progressing at an accelerated progress to get back on track.	Oct '17 Dec '17 Feb '18 Apr '18 Jun '18 Jul '18	None	3 Children off by 2 points		

Phase 3 more coverage for measurements and ratio, fractions, decimals and percentages.	Class teachers/ LH/ST/SC	Incorporate into Marvellous maths daily. Mastery will give a stronger numbers base for children to answer more challenging questions. Small step planning for decimals and percentages- Where do we need to start.	Half termly Phase Leaders and ST to look at results to ensure children are attaining and progressing at a national level.	Oct '17 Dec '17 Feb '18 Apr '18 Jun '18 Jul '18	None	Fractions and decimals being addressed in fluency 5 and boosters.		
Phase 3 girls progress in Numeracy	Class teachers/ LH/ST/SC	Use of daily and weekly assessment and half termly testing to ensure that off track girls make accelerated progress to get them back on track.	LH/ST to monitor	Ongoing	None	53% made at least expected progress by CP2.		
Continue to enter inter-school Maths Competitions	ST/SC	Raise self-esteem and confidence in children's numeracy abilities and raise the profile of maths.	ST/SC to enter children into competitions when they arise.	Termly	None	Attended 1 at HDS this term.		
Accessible maths resources available in all classes for children to use in supporting their independent learning.	Class teachers/ ST/SC	Independence in numeracy and improved mastery techniques.	Class teachers to set up maths areas in class rooms. ST/SC to ensure areas are accessible for children and re- resource class teachers. Inform CT's of new resources available.	Sept 17	Staff meeting	Manipulatives packs set up across the whole school to support learning.		

Maths working walls prominently to be seen in school-phase boards and corridors objectives and what it looks like across the school.	Class teachers/ ST/SC	Raise expectations and attainment. Children and teachers are aware of what maths looks like in different Key stages to raise aspirations.	All teachers to have working walls visible in their classrooms. Updated regularly to compare with objectives been worked on	Oct 17	Staff meeting	Clear interactive working walls in all classes and maths display boards present around the school.		
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