

SDP Maths Priority 1: To develop the automaticity of key facts. To ensure children can recall relevant key facts - Declarative Knowledge						
<ul style="list-style-type: none"> • Increase the rate at which children learn and remember key facts • Improve the rate at which the least able pupils develop speed and fluency in basic skills such as number bonds to ten. • Children to understand and recognize patterns and relationships between related facts to help them to work out answers to key facts such as number bonds to ten, doubling and halving etc. • NB to create/develop a clear plan about what key facts must be taught when. 						
Actions:	Who:	How do we know we've been successful:	By (date):	How will we check	When:	Who:
1. NB to attend training regarding Deeper thinking in Mathematics.	NB MH	NB to create informative, clear and accessible plan to allow teachers to plan for automaticity.	April 2023	Observations and Scrutinies Speak to teachers about how useful the plan is and whether certain key facts need adding.	May 2023	NB SLT
2. NB to deliver staff meeting/CPD	NB	Share key messages from course. Share different types of knowledge and the plan for key facts to be learnt.	May 2023	Is the plan being implemented.	May 2023	NB SLT
3. Daily teach key facts from appropriate year group plan.	Teachers	Children can explain and make relationships between number facts. Fluency and speed is improving. Children can answer reasoning problems using declarative knowledge. Children develop automaticity in recalling key facts.	On going	Observe lessons Pupil voice Discussions with teachers	Half termly During maths lessons	NB and SLT
4. Use reconnects to revise and practise key facts in order to achieve automaticity.	Teachers	Evidence of reconnects being used in books.	On going	NB and SLT to monitor through books.	Termly	NB and SLT

4. Develop half termly 'check'.	NB	Write checks/reviews to assess pupil's understanding and automaticity of the outlined key facts.	Half Termly	SLT to monitor	Half Termly	NB and SLT

SDP Maths Priority 2: To ensure 85% of the Y4 pass the multiplication check

- Increase the rate at which children learn and remember times table facts
- Improve the rate at which the least able pupils develop speed and fluency in their times tables
- All children who do not access support for times tables at home will work with a well-trained adult in school twice a day on precision teaching of times tables
- Children to understand and recognize patterns and relationships between related facts to help them to work out times tables
- By the end of Y2 children will be fluent in 2x, 5x and 10x times tables

- By the end of Y3 children to be fluent in 3x, 6x, 9x, 12x as well as the previously taught times tables
- By the end of Y4 children will be fluent in all times table facts up to 12x12

Actions:	Who:	How do we know we've been successful:	By (date):	How will we check	When:	Who:
1. Teach 3 half termly deeper conceptual understanding lessons for the specific timetable.	Teachers (Y2, Y3, Y4)	Children can explain and make relationships between times tables. Fluency is improving Children can answer reasoning problems linked to times tables Children develop automaticity in recalling times table facts	On going	Observe lessons Pupil voice Discussions with teachers	Half termly During maths lessons	NB and SLT
2. Teach one times table per half term (according to long term plan)	Teachers	NB to create plan and send out to teachers Children can recall the current times table	On going	FW and SLT to monitor through books, TT Rockstars and learning walks	Termly	NB and SLT
3. Purposeful times table displays in each classroom Y1-Y6 (What comes in...)	Teachers	Children can explain what the display is about Children take ownership of display	On going	Learning walk- are displays updated with new times table? Pupil voice	Half termly	NB SLT
4. CPD delivered to teaching staff re times table strategies	FW	Teachers using strategies in lessons Teacher discussions- are they having an impact? Improvement in children's times table scores Improvement in children's time	Termly	Pupil voice Learning walk Teacher discussions Data	Termly	NB SLT
5. Raise profile of times tables by having a TT Rockstars launch day- children dressing up	FW and Y3 and Y4 teachers	Response from children TT data and stats to improve and quantity to increase	April 2022	Observations throughout the day Pupil voice TT data and stats to improve and quantity to increase	Summer 2022	FW SLT Y3 and Y4 teachers

				Impact on times table check		
6.Staff to complete survey on children's knowledge of the times tables	FW and teachers	Responses from survey	April 2022	Discussions with class teachers Responses to surveys		