

The Ryde School SDP 2023-2024

Domain: Mathematics

Domain Leader: Catherine Brumby

Objectives for Mathematics	
Achievement gap issues	
Objective 1	To improve children's recall of times tables.
Objective 2	To improve outcomes in Reception, Year 1 and Year 2.
Objective 3	Key mathematical vocabulary to be promoted more and used to deepen pupils' understanding in all areas of mathematics.
Objective 4	To improve presentation in books.
Objective 5	To close the gap for pupil premium and SEND children.

Objective 1	To improve children's recall of times tables.					
Action	Timescale	Person responsible	Budget/resource implications	Monitoring (who by and how often)	Success criteria	SEF reference
To promote the use of TTRS in class and at home.	Ongoing	CB and class teachers	TTRS and number bots subscription Timetable time	CB weekly	<ul style="list-style-type: none"> • Teachers to set weekly focus table • Set aside specific times for pupils to play weekly • Encourage friendly competition in class and as a school. • Inform parents about how they could support at home. 	
Teachers to do a times table activity <u>every day</u> in their class.	Autumn 2023	All teachers and CB	Timetable	CB	<ul style="list-style-type: none"> • Children will improve their recall of their times tables. 	
All classes to have a focus times table displayed in the classroom.	Starting September 2023	CB and class teachers	Display space in classroom	CB weekly	Children able to recall most facts from bi weekly times table focus.	
To use the NCETM prioritization resources to support the	Starting September 2023	CB and class teachers.	N/A	CB	Children will have a deeper understanding of times tables and	

teaching of times tables.					will be able to make links between multiplication and division facts.	
A plan to be written for times tables focus for each class for each week.	September 2023	CB	Subject leader time	CB by the end of September 2023	Teachers will follow plan and children will improve times tables recall.	
To follow and take part in the 'KS2 Mastering Number' program for Year 4 and Year 5.	Starting September 2023 and running throughout the academic year	CB and EJ	Training time for class teachers and subject lead	CB by the end of Summer 2023	<ul style="list-style-type: none"> • Pupils will develop automaticity in multiplication and division facts through regular practice • develop an understanding of how pupils progress in their knowledge and understanding of multiplicative concepts • Mastering Number is part of the curriculum in Years 4 and 5. 	

Objective 2

To improve outcomes in Reception, Year 1 and Year 2.

Action	Timescale	Person responsible	Budget/resource implications	Monitoring (who by and how often)	Success criteria	SEF reference
Make the most of moments throughout the day to highlight and use mathematics, for example, in daily routines, play activities, and other curriculum areas.	Starting September 2023.	KO'C, GC, PH and AB. CB to monitor	N/A	CB weekly	Children will be accessing mathematical learning throughout the day outside of their daily maths lessons.	
To lead parent workshops from the NCETM Mastering number program	Autumn term 2023	CB/Class teacher	Time, printed resources to send home	CB and class teachers to monitor children's engagement at home in the program	Parental engagement at home will improve and support learning outcomes	
Seize chances to reinforce mathematical vocabulary.	Autumn 2023	KO'C, GC, PH and AB. CB to monitor	SL time to map out vocabulary	CB	Mathematical vocabulary to be displayed in the classroom and referenced to. Children will be able to use and explain mathematical vocabulary accurately.	
Create opportunities for extended	September 2023	KO'C, GC, PH and AB. CB to monitor	Timetable	CB half termly	Children will have regular opportunities to discuss problem	

discussion of mathematical ideas with children.					solving and reasoning activities either as a whole class or individually.	
Objective 3	Key mathematical vocabulary to be promoted more and used to deepen pupils' understanding in all areas of mathematics.					
Action	Timescale	Person responsible	Budget/resource implications	Monitoring (who by and how often)	Success criteria	SEF reference
To share working wall blog from HFL with all staff to discuss and share key features.	Summer 2023	CB	Staff meeting time	CB – give out at one staff meeting and collect feedback at next	Teaching staff fully understanding of the purpose of a working wall and its key features	
For subject lead to create a progression document of key vocabulary introduced over the year groups.	Autumn term 2023	CB	Subject leader time	N/A	Progression document is clear and shared with staff to use as a resource.	
For teachers to use clear and explicit vocabulary in every mathematics lesson.	Ongoing	Teaching staff	Subject leader time	CB	Teachers are using accurate vocabulary in all lessons and most children can use with confidence.	
To establish working walls with clear models and	Start Summer 2023 but begin	Teaching staff/CB to monitor	Large poster paper and/or display space	CB weekly learning walk	Working walls will be in all classrooms:	

images for pupils to refer to.	properly in Autumn 2023				<ol style="list-style-type: none">1) Include models from current learning2) Include key vocabulary3) Interact with the wall while teaching4) Promote deeper thinking	
--------------------------------	-------------------------	--	--	--	---	--

Objective 4	To improve presentation in books and number formation.					
Action	Timescale	Person responsible	Budget/resource implications	Monitoring (who by and how often)	Success criteria	SEF reference
Teachers to model best presentation in books and on display (working wall).	Autumn 2023	All staff	N/A	CB at the end of 1 st week in September	Children will use models from teachers to present their work.	
All staff to encourage and reinforce correct presentation.	September 2023	All staff	N/A	CB every few weeks	Most children will present their work neatly and uniformly.	
Staff to promote correct number formation and correct children who write it incorrectly.	September 2023	All staff	N/A	CB every few weeks	Most children will write using the correct number formation.	

Objective 5	To close the gap for pupil premium and SEND children.					
Action	Timescale	Person responsible	Budget/resource implications	Monitoring (who by and how often)	Success criteria	SEF reference
All children to use manipulatives and	September 2023	Class teachers	Planning time	CB every few weeks	All children will use/draw/complete models to show	

representations where appropriate.					learning. All children will be able to use and model their learning using manipulatives.	
Use tasks and resources to challenge and support pupils' mathematics	Autumn term 2023	Class teachers	Planning time	CB weekly	Children will access a range of resources in their lessons: e.g. games, investigations, problem solving/reasoning questions, true/false etc.	
Use structured interventions to provide additional support	September 2023	Teachers, TAs and CB	Times	CB half termly	Children who have significant gaps will complete the UCAN assessment/scheme. Children will be given access to pre-teaching sessions and interventions as needed.	

Objectives for Mathematics review (End of 2023-2024)

Achievement gap issues	
Objective 1	
	•
Objective 2	
	•
Objective 3	
	•
Objective 4	
	•