



Our Maths Curriculum

Local Memories, Broadening Horizons

I N T E N T	At BMPS	We believe that all mathematical concepts should be taught using practical equipment. Children should be posed questions, which will develop their exploration of the core mathematical concepts. This will enable the children to discover for themselves the fundamental connections between all things mathematical. Children are encouraged to be mathematically curious and to develop their mathematical reasoning powers in a creative, realistic and stimulating environment.								
	In Maths	We want children to have the correct vocabulary to express their mathematical thoughts and observations.	We want children to be stimulated and enjoy and be engaged in their learning and to want to deepen their understanding of concepts.	We want our parents to be well informed and to understand how we teach mathematics and how they can help their children.	We want children who can use equipment and visualise concepts and to use this to help them develop efficient ways of working.	We want to our pupils to have an equal opportunity as the rest of the country in their education.				
I M P L E M E N T A T I O N	Classroom	Mathematical Vocabulary focus Learning discovery posters to capture the learning. CPA	Focus on teaching and marking through questioning	Reasoning and understanding teaching pedagogy	Mathematics equipment out in every classroom	Jo Boaler/Ronit Bird/Nrich teaching focus and resource bank	Challenge tasks with low threshold high ceiling	Interventions on a daily basis targeted at specific children who have misconceptions form lesson	<i>What do you notice?</i> <i>What's the same/different?</i> <i>Prove it.</i> <i>See it, think it, link it, solve it..</i>	
	Events	Number Day		Week of Inspirational Maths			Maths Competitions and challenge			
	Local Memories	Dojo maths updates posted weekly			Website maths page			Links to supportive websites and useful resources		
	Parental Engagement	Links with local STEM based companies			Links with STEM and Science week			Links with Computing based programmes		
	Community Broadening Horizons	Attendance at maths Hub and Maths network meetings		Maths specific CPD training: calculations, reasoning, fluency		Maths Lead Network events		Links with Governors		
I M P A C T	Great outcomes	Children who love mathematics and are passionate and resilient when it comes to deepening their understanding of the subject.		Children who use accurate mathematical vocabulary to describe and visualise their mathematics.		Children who can link mathematical concepts and understand how maths is all interconnected.		Parents who are well informed about how their children learn mathematics and children who are curious about mathematics.		
	Evaluation	Progressive Online tracking - curriculum coverage audit	NFer tests y1-yr6 3x a year	SATS: Yr 2 and 6	Calculation audit 3x a year	Times tables audit 3x a year	FER - regular gaps analysis	Monitoring: Governor, Subject Leader, Headteacher, CEO, pupil voice		