Year 6 Mathematics Yearly Overview (linked to NCETM) 2023-24

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Week 1	Calculating Using Knowledge of Structures	Multiplication and Division	Fractions, Decimals & Percentages	Fractions, Decimals & Percentages	Ratio & proportion	Revisit topics in depth as reqd: Ratio/proportion Calculating using structures Solving problems with 2 unknowns Order of operations Mean average
Week 2	Calculating Using Knowledge of Structures	Multiplication and Division	Fractions	Calculating using knowledge of structures Unit 2	Order of operations Measures	Check Points Expressions and equations
Week 3	Calculating Using Knowledge of Structures	Multiplication and Division	Fractions, Decimals & Percentages	Statistics Mean average	Position & direction	Check Points Expressions and equations
Week 4	Addition and Subtractions (Structures)	Geometry Draw compose & decompose	Fractions, Decimals & Percentages	Money & Time	Factors, multiples, primes SATs	Check Points Transformations
Week 5	Addition and Subtractions (Structures)	Geometry Draw compose & decompose	Fractions, Decimals & Percentages	Algebra (solving problems with 2 unkowns)	Maths project (Calculator Crunch?)	Check Points Transformations
Week 6	Multiples of 1000	Area & perimeter			Maths project (Calculator Crunch?)	Check Points Multiplicative Relationships
Week 7	Numbers up to 10,000,000	Area & perimeter			Maths project	Check Points Multiplicative Relationships

Week 8	**Multiplication and Division**					
39 weeks	**8 weeks**	**7 weeks**	**5 weeks**	**5 weeks**	**7 weeks**	**7 weeks**

Notes – important things to include prior to SATs:

- Roman Numerals – across the year through daily routines
- Experience of using measure, eg through DT activities (ensure rulers are clear to measure in mm and identify any students who might find this tricky – large print available for SATs)
- Assess geometry at start of year and allow more time if required – spatial reasoning very important.
- Include statistics across the curriculum.
- More time might be needed on algebra (assess bar modelling early in the year as this is an essential pre-cursor to formal algebra).
- Avoid teaching order of operations as a formula to remember, do not use 'BODMAS' or 'BIDMAS' or similar – teach with understanding to avoid misconceptions and errors.
- Prime, square and cubed numbers were taught in Year 5 but will need revisiting as this is key knowledge.
- Ensure students can use a protractor – special adapted ones are available if required, note any children finding these tricky to handle/read (eg: dyslexia, vision impairment, dyspraxia) as adapted SATs papers can be used.