



KS1 and KS2 Mathematics LTP
2026-2027

Mathematics Planning

Our mathematics planning ensures that learning is **carefully sequenced, builds on prior knowledge and meets the needs of all pupils**. Teachers use Power Maths as the foundation for planning and adapt the pace according to pupils' understanding, ensuring that concepts are secure before moving on.

Lesson Structure

Lessons should typically include:

- **Counting activity** – developing number sense and fluency.
- **Quick Maths** – arithmetic and retrieval focus in Years 2–6; introduced in Year 1 from the summer term.
- **Discover and Share** – whole-class teaching, discussion and questioning, with Kagan Structures used where appropriate.
- **I Do, We Do, You Do** – explicit modelling followed by guided and independent practice.
- **Independent tasks** – all pupils apply the learning independently.
- **Mastery Check and Deeper Learning** – opportunities to reason, problem-solve and deepen understanding.
- **End of Unit Check** – completed by all pupils and used to identify gaps, misconceptions and next steps.

Teachers should ensure that any **prior learning activities** within the Power Maths sequence are planned for and completed where needed.

Arithmetic and Fluency

A dedicated **arithmetic lesson should be planned and taught each week**, with a clear learning objective. The arithmetic test should form part of the independent work, with errors and misconceptions addressed through subsequent teaching and same-day intervention where appropriate.

Challenge and Deeper Learning

White Rose and/or NCETM resources should be used where appropriate to provide daily opportunities for pupils to deepen their understanding through reasoning, problem-solving, making connections and explaining their thinking. Challenge should focus on **depth rather than quantity**.

Key Stage 1

Year Group	Autumn- Textbook A	Spring- Textbook B	Summer- Textbook C
1	Unit 1: Numbers to 10 Unit 2: Part-whole within 10 Unit 3: Addition within 10 Unit 4: Subtraction within 10 Unit 5: 2D and 3D shapes	Unit 6: Numbers to 20 Unit 7: Addition and subtraction within 20 Unit 8: Numbers to 50 Unit 9: Introducing length and height Unit 10: Introducing weight and volume	Unit 11: Multiplication and division Unit 12: Halves and quarters Unit 13: Position and direction Unit 14: Numbers to 100 Unit 15: Money Unit 16: Time
2	Unit 1: Numbers to 100 Unit 2: Addition and subtraction (1) Unit 3: Addition and subtraction (2) Unit 4: Properties of shapes	Unit 5: Money Unit 6: Multiplication and division (1) Unit 7: Multiplication and division (2) Unit 8: Length and height Unit 9: Mass, capacity and temperature	Unit 10: Statistics Unit 11: Fractions Unit 12: Position and direction Unit 13: Time Unit 14: Problem solving

Lower Key Stage 2

Year Group	Autumn	Spring	Summer
3	Unit 1: Place value within 1000 Unit 2: Addition and subtraction (1) Unit 3: Addition and subtraction (2) Unit 4: Multiplication and division (1) Unit 5: Multiplication and division (2)	Unit 6: Multiplication and division (3) Unit 7: Length and perimeter Unit 8: Fractions (1) Unit 9: Mass Unit 10: Capacity	Unit 11: Fractions (2) Unit 12: Money Unit 13: Time Unit 14: Angles and properties of shapes Unit 15: Statistics
4	Unit 1: Place value: 4-digit numbers (1) Unit 2: Place value: 4-digit numbers (2) Unit 3: Addition and subtraction Unit 4: Measure: area Unit 5: Multiplication and division (1)	Unit 6: Multiplication and division (2) Unit 7: Perimeter Unit 8: Fractions (1) Unit 9: Fractions (2) Unit 10: Decimals (1)	Unit 11: Decimals (2) Unit 12: Money Unit 13: Time Unit 14: Geometry- angles and 2D shapes Unit 15: Statistics Unit 16: Position and direction

Upper Key Stage 2

Year Group	Autumn	Spring	Summer
5	Unit 1: Place value: within 1, 000,000 Unit 2: Place value: within 1, 000,000 Unit 3: Addition and subtraction Unit 4: Multiplication and division (1) Unit 5: Fractions (1) Unit 6: Fractions (2)	Unit 7: Multiplication and division (2) Unit 8: Fractions (3) Unit 9: Decimals and percentages Unit 10: Measure- perimeter and area Unit 11: Graphs and tables	Unit 12: Geometry- properties of shapes Unit 13: Geometry- position and direction Unit 14: Decimals Unit 15: Negative numbers Unit 16: Measure- converting units Unit 17: Measure- volume and capacity
6	Unit 1: Place value within 10, 000, 000 Unit 2: Four operations (1) Unit 3: Four operations (2) Unit 4: Fractions (1) Unit 5: Fractions (2) Unit 14: Position and direction	Unit 6: Measure: imperial and metric measures Unit 7: Ratio and proportion Unit 8: Algebra Unit 9: Decimals Unit 10: Percentages Unit 11: Measure- perimeter, area and volume Unit 12: Statistics Unit 13: Geometry- properties of shape Unit 15: Problem solving	Unit 8: Algebra Unit 11: Measure- perimeter, area and volume Unit 12: Statistics Unit 13: Geometry- properties of shape Unit 15: Problem solving