

Maths medium term planning

Autumn Term 2 2026-2027 Kestrel Class Year 5

ONGOING: Children will complete mental arithmetic, basic skills, reasoning, problem solving and times tables activities throughout each week in order to deepen and consolidate essential mathematical skills.

Main Learning Focus Year 5

Fluency (Times Tables Focus)

Weeks 1-2: Number - Multiplication and Division A

- Identify and use factors, multiples, prime numbers and composite numbers.
- Explore common factors and common multiples.
- Recognise and use square numbers and cube numbers.
- Multiply and divide whole numbers by 10, 100 and 1,000.
- Use multiplication and division knowledge to solve reasoning and problem-solving questions.
- Investigate patterns and relationships within multiplication tables.

Weeks 3-6: Number - Fractions A

- Identify, represent and compare unit and non-unit fractions.
- Understand the relationship between fractions and whole numbers.
- Find equivalent fractions and simplify fractions.
- Compare and order fractions.
- Convert between improper fractions and mixed numbers.
- Add and subtract fractions with the same denominator and related denominators.
- Multiply fractions by whole numbers.
- Apply fraction knowledge to reasoning and problem-solving activities.

Week 7: Consolidation

- Consolidate learning from Multiplication and Division A and Fractions A.
- Apply fluency skills across a range of arithmetic questions.
- Solve multi-step reasoning and problem-solving challenges.
- Address misconceptions and deepen understanding through investigations and mathematical discussions.

7 weeks- 3 sessions per week = 21 days

Week 1- Revision of 10, 5 and 2 times tables 9 (3 days)
Book A, B and C

Book D 4 times tables 22 tests- 3 weeks (9 days)
6 new facts 3x4, 4x4, 6x4, 7x4, 8x4, 9x4

Book E 8 times tables 22 tests - 3 weeks (9 days)
5 new facts 3x8, 6x8, 7x8, 8x8, 9x 8