

MyMaths for Key Stage 3 Books 1A/B/C

Curriculum Plan, Year 7 Guide

Spring 2 (6 weeks)

9. Transformations and symmetry (Geometry) (Levels 3-5) 1A Lines of symmetry, reflection, translation, rotation, tessellations	10. Equations (Algebra) (Levels 4-5) 1A Operations, inverse operations, using letters 3, equations 1, equations 2	11. Factors and multiples (Number) (Level 4) 1A Factors, multiples, tests of divisibility, square numbers
9. Transformations and symmetry (Geometry) (Levels 3-4) 1B Reflection, reflection symmetry, rotation, rotation symmetry, translation, tessellations	10. Equations (Algebra) (Levels 4-5) 1B Multiplying and dividing terms, balancing calculations, simple equations, more simple equations, two-step equations	11. Factors and multiples (Number) (Levels 4-5) 1B Factors and multiples, square numbers, square roots, prime numbers, LCM and HCF
9. Transformations and symmetry (Geometry) (Level 5) 1C Reflection, rotation, symmetry, translation, enlargement, tessellations	10. Equations (Algebra) (Levels 5-7) 1C Solving equations, unknowns on both sides, further equations, constructing equations	11. Factors and multiples (Number) (Levels 5-6) 1C Squares and square roots, factors and multiples, prime factors, divisibility tests, LCM and HCF using prime factors

2 weeks

2 weeks

2 weeks

6 weeks

Summer 1 (6 weeks)

12. Constructions and 3D shapes (Geometry) (Levels 3-5) 1A 3D shapes, nets of cubes, nets of other 3D shapes, 2D representations of 3D shapes, measuring and drawing lines, drawing a triangle, introducing circles	13. Sequences (Algebra) (Levels 3-4) 1A Sequences, describing sequences, using rules, sequences with negative numbers	14. Multiplying and dividing (Number) (Levels 3-5) 1A Multiplication, multiplying by 10 and 100, mental methods of multiplication, written methods of multiplication, mental methods of division, division problems, written methods of division, calculator skills
12. Constructions and 3D shapes (Geometry) (Levels 4-5) 1B Constructing triangles 1, constructing triangles 2, scale drawings, properties of 3D shapes, isometric drawings, nets of 3D shapes, volume	13. Sequences (Algebra) (Levels 4-5) 1B Sequences, sequence rules, term-to-term rules, position in a sequence	14. Decimal calculations (Number) (Level 5) 1B Mental methods with decimals, written methods of multiplying decimals, written methods of dividing decimals, interpreting a calculator display
12. Constructions and 3D shapes (Geometry) (Levels 5-7) 1C Constructing bisectors, constructing triangles 1, constructing triangles 2, simple loci, scale drawings, 2D representations of 3D shapes, plans and elevations	13. Sequences (Algebra) (Levels 4-6) 1C Sequences, sequence rules, sequences and algebra, finding a rule from a sequence	14. Decimal calculations (Number) (Levels 5-6) 1C Mental methods of multiplying and dividing decimals, multiplying decimals, dividing decimals, calculator methods 3

1.5 weeks

1.5 weeks

2.5 weeks

6 weeks

Summer 2 (7 weeks)

15. Ratio and proportion (Ratio) (Levels 4-5) 1A Ratio and proportion, ratio and proportion problems, solving arithmetic problems, scale drawings	16. Probability (Statistics) (Levels 4-5) 1A Introducing probability, the probability scale 1, the probability scale 2, sorting with Venn diagrams	<h3 style="margin: 0;">End of Year Assessment</h3>
15. Ratio and proportion (Ratio) (Level 5) 1B Proportion, direct proportion, ratio, ratio and proportion problems	16. Probability (Statistics) (Level 5) 1B The probability scale, more probability, theoretical probability, experimental probability, sets	
15. Ratio and proportion (Ratio) (Level 6) 1C Introducing proportion, direct proportion, ratio, dividing in a given ratio, ratio and proportion, percentage problems	16. Probability (Statistics) (Levels 5-7) 1C The probability scale, equally likely outcomes, mutually exclusive outcomes, experimental probability, comparing probabilities, sorting with Venn diagrams	

2 weeks

2.5 weeks

7 weeks

This Curriculum plan should be used as a guide only. Covers National Curriculum Levels 3-7.

