Birchwood Junior School

Maths Yearly Overview

Years 1 to 6

Numbers in brackets are lesson counts.

Year group	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6	National curriculum links
Year 1	Place value (within 10) (15); Addition and subtraction (within 10) (17)	Addition and subtraction (within 10) cont. (6); Shape (5); Place value (within 20) (12)	Addition and subtraction (within 20) (12); Place value (within 50) (8)	Length and height (3); Mass and volume (7); Multiplication and division (9)	Fractions (8); Position and direction (5); Place value (within 100) (7)	Money (4); Time (6)	Number and place value to 100; addition and subtraction within 20; solve one-step problems; count in 2s, 5s and 10s; recognise halves and quarters; compare/measure length, mass, capacity, time and money; recognise common 2-D/3-D shapes; describe position and movement.
Year 2	Place value (15); Addition and subtraction (5)	Addition and subtraction cont. (16); Multiplication and division (10)	Multiplication and division cont. (7); Fractions (15)	Time (7); Money (10)	Length and height (5); Mass, capacity and temperature (9)	Shape (12); Position and direction (5); Statistics (7)	Place value to at least 100; addition and subtraction using mental and written strategies; 2, 5 and 10 times tables; fractions including 1/3, 1/4, 2/4 and 3/4; £/p and time to 5 minutes; standard units; properties of 2-D/3-D shapes and position; interpret simple tables, pictograms, tally charts and block diagrams.
Year 3	Place value (11); Addition and subtraction (10)	Add and subtract (9); Multiply and divide (14)	Multiply and divide (10); Fractions (11)	Fractions (9); Time (11)	Money (5); Length (11); Mass (6)	Mass (6); Capacity (6); Angles and properties of shape (9); Statistics (5)	Place value to 1,000; formal addition/subtraction to 3 digits; recall/use 3, 4 and 8 times tables; solve multiplication/division problems; tenths and unit/non-unit fractions; measure and calculate length/perimeter, mass/capacity, money and time; angles and shape; interpret/present bar charts, pictograms and tables.
Year 4	Place value (9); Place value (8); Decimal place value (4); Add and subtract (4)	Add and subtract (4); Multiply and divide (11); Time (5)	Multiply and divide (14); Perimeter (5); Area	Fractions (7); Fractions (8)	Decimals (6); Decimals (5); Statistics (5)	Money (9); Geometry (10); Geometry (5)	Place value beyond 1,000; formal addition/subtraction to 4 digits; multiplication facts to 12 x 12 and integer multiplication/division; fractions and decimal tenths/hundredths; perimeter and area; convert units/time and solve money problems; angles, properties of shapes, coordinates/translations; interpret charts and time graphs.
Year 5	Place value within 100,000 (8); Place value within 1,000,000 (8); Decimals - place value and rounding (5)	Add and subtract (10); Multiply and divide (10); Area and perimeter (7)	Multiply and divide (11); Fractions (8); Fractions (7)	Fractions (5); Fractions (7); Graphs and tables (4); Decimals and percentages (4)	Decimals and percentages (5); Decimals (15); Geometry (5)	Geometry (11); Converting units (10); Volume and capacity (4)	Place value to 1,000,000 including negative numbers and Roman numerals; add/subtract whole numbers with more than 4 digits; multiplication/division including factors, multiples and primes; compare/calculate with fractions; decimals to 3 places and percentages; perimeter/area/volume; convert units; angles and shape; reflection/translation; solve comparison/sum/difference problems using graphs and tables.
Year 6	Place value; Addition, subtraction and multiplication	Division; Fractions; Decimals and percentages	Measure; Algebra; Ratio and proportion; Geometry	Statistics; revision opportunities	SATs; problem-solving projects	Problem-solving projects	Place value to 10,000,000 and negative numbers; fluent four operations and order of operations; fraction calculation including multiplication/division; decimal arithmetic and equivalence with fractions/percentages; ratio and proportion; simple formulae, sequences and equations; convert units and calculate area/volume; angles, circles, coordinates and transformations; pie charts, line graphs and mean.