At Fairfield Road, we aim to to offer a rich mathematics curriculum that allows our children to:

- become confident, skilled and resilient mathematicians
- understand that Mathematics is a fundamental part of everyday life and the world we live in.
- develop an enthusiastic attitude towards the subject
- build resilience in this subject – mistakes are part of their learning journey and help them to improve in the future.

Curriculum Aims

By the end of EYFS, children at Fairfield Road will be able to recite numbers to 50, recall one more and one less than any number to 10, recall number bonds to 5 and understand odd and even.

By the end of KS1, children at Fairfield Road will be able to count forwards and backwards from any number within 100; count in 2s, 5s and 10s; recall number bonds up to 100; recognise halves, thirds and quarters; and name a variety of 2D and 3D shapes.

By the end of KS2, children at Fairfield Road will be able to determine the value of any digit within a number including up to 3 decimal places, be confident in all their times tables (up to 12x12), round any number to any degree of accuracy, have strong FDP skills (converting between the three), convert between different units of measurement and recall all appropriate angle facts.

Mathematics – Vocabulary Progression across EYFS and Key Stages 1 & 2

	EYFS	1	2	3	4	5	6
Number and Place Value	• bigger • count • fewer • larger • less than • more than • most • number • number bonds • number line • one less • one more	• after • backwards • before • compare • digit • equal to • first • forwards • least • ones • order • tens	• column • estimate • value • place holder • back • backwards • continue • forwards • greater than (>) • more than (>) • less than (<) • fewer than (<) • equal to (=) • multiple of • numeral • partition • zero • two-digit number	• ascending • descending • expanded form • hundreds • integer • sequence • three-digit number	• thousands • positive number • negative number • roman numerals • rounding • round • decimal • decimal point • negative integer • positive integer	• ten thousands • hundred thousands • powers of 10 • interpret • above zero • below zero • approximate • approximately • decimal place	• millions • ten millions

	EYFS	1	2	3	4	5	6
Addition and Subtraction	• add • and • number bonds • number sentences • equals • subtract • take away	• addition • subtract/subtraction • equal/ equal to • altogether • total • difference • answer • count • plus	• inverse operation • sum • operation • check • partition • calculate • method • multiple • part • whole	• regroup • exchange • column addition • column subtraction • estimate • increase • decrease	• strategy • multi-step	• accuracy	•

	EYFS	1	2	3	4	5	6
Multiplication and Division	• even number • odd number • double • halve	• array • groups • repeated addition • repeated subtraction	• multiply • divide • multiple • calculate • multiplication • times tables	• short multiplication • short division • product • divisible	• factor • factor pairs • remainder	• common factors • prime numbers • prime factors • composite • long multiplication • square number • cube number • square root	• long division • common multiple

	EYFS	1	2	3	4	5	6
Fractions, Decimals and Percentages	• half	• quarter • fraction • whole • part	• numerator • denominator • equivalent • third • unit fraction • non-unit fraction	• tenths • fifths • sixths • sevenths • eights • ninths	• hundredths • improper fraction • mixed number fraction	• thousandths • percentage	• simplest form • simplify • recurring

	EYFS	1	2	3	4	5	6
Ratio and Proportion							• scale • scale factor • enlarge • ratio • proportion

	EYFS	1	2	3	4	5	6
Measurement	• long • short • longer • shorter • tall • taller • light • heavier • lighter • full • empty • half full • nearly full • nearly empty • day • week • Monday • Tuesday • Wednesday • Thursday • Friday • Saturday • Sunday	• double • half • length • height • mass • heavy • capacity • quantity • distance • coins • notes • pence • pound • o'clock • half past • second • minute • hour • month • year • January • February • March • April • May • June • July • August • September • October • November • December	• metre • centimetre • gram • kilogram • degrees Celsius • litres • millilitres • scale • thermometer • pounds (£) • pence (p) • change • clockwise • anti-clockwise • width • temperature	• millimetre • perimeter • leap year • duration • analogue • digital	• kilometre • convert • conversion • area • 12-hour • 24-hour	• square centimetre (cm^2) • square metre (m^2) • regular • irregular • volume	• miles • imperial • metric • inch • pound (lb) • pint • ounce • stone • gallon

	EYFS	1	2	3	4	5	6
Geometry - shapes	• 2d • 3d • square • rectangle • circle • triangle • cuboid • cube • sphere • side • corners	• pyramid • cone • hemi-sphere	• line of symmetry • symmetry • symmetrical • edge • face • vertex/vertices • property • quadrilateral • hexagon • octagon • pentagon • prism • polygon	• angle • acute • obtuse • parallel • perpendicular • vertical • horizontal • right-angle • square-based pyramid • triangular-based pyramid • heptagon	• equilateral • isosceles • scalene • kite • parallelogram • rhombus	• reflex • protractor • net • regular • irregular	• radius • diameter • circumference • vertically opposite • interior angle • exterior angle

	EYFS	1	2	3	4	5	6
Geometry – position and direction	• on top of • in front of • above • between • next to • in • out • behind • rotate	• turn • left • right • top • middle • bottom • around • near • close/far • up/down • forwards/backwards • inside/outside • direction	• pattern • sequence • rotation • clockwise • anti-clockwise • straight		• coordinates • plot • translation • point • grid • x-axis • y-axis	• reflection • describe • transformation	• origin • quadrant

	EYFS	1	2	3	4	5	6
Statistics			• interpret • construct • pictogram • tally chart • table • chart • Venn diagram	• bar chart • scale • interval	• time graph • line graph	• two-way table • timetable	• pie chart • mean • average

	EYFS	1	2	3	4	5	6
Algebra							• formula • algebraically • sequence • unknowns • variables • represent • solve