



St Chad's Catholic Primary School
Year 6 Maths Yearly Overview

| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 |
|-------------|---|--------|---|--------|--|--------|--|--|---|--|---|--|
| Autumn term | <p align="center">Number</p> <p align="center">Place value</p> <p><i>Numbers to 1,000,000, numbers to 10,000,000, read and write numbers to 10,000,000, powers of 10, number line to 10,000,000, compare and order integers, round integers, negative numbers</i></p> | | <p align="center">Number</p> <p align="center">Addition, subtraction, multiplication and division</p> <p><i>Add and subtract integers, common factors, common multiples, rules of divisibility, primes to 100, square and cube numbers, multiply up to a 4-digit by a 2-digit, solve problems with multiplication, short division, division using factors, introduction to long division, solve multi-step problems, order of operations, mental calculations and estimation, reason from known facts</i></p> | | | | | <p align="center">Number</p> <p align="center">Fractions</p> <p><i>Equivalent fractions and simplifying, equivalent fractions on a number line, compare and order fractions, add and subtract fractions, add and subtract mixed numbers, multi-step problems</i></p> | | <p align="center">Number</p> <p align="center">Fractions</p> <p><i>Multiply fractions by integers, multiply fractions by fractions, divide a fraction by an integer, mixed questions with fractions, fractions of an amount, fractions of an amount (find the whole)</i></p> | | <p align="center">Measurement</p> <p align="center">Converting units</p> <p><i>Metric measures, convert metric measures, calculate with metric measures, miles and kilometres, imperial measures</i></p> |
| Spring term | <p align="center">Number</p> <p align="center">Ratio</p> <p><i>Add or multiply, use ratio language, introduction to ratio symbol, ratio and fractions, scale drawing, use scale factors, similar shapes, ratio problems, proportion problems, recipes</i></p> | | <p align="center">Number</p> <p align="center">Algebra</p> <p><i>1-step/2-step function machines, form expressions, substitution, formulae, form equations, solve 1-step/2-step equations, find pairs of values, solve problems with two unknowns</i></p> | | <p align="center">Number</p> <p align="center">Decimals</p> <p><i>Place value within 1 (integers and decimals), round decimals, add and subtract decimals, multiply/divide by 10, 100 and 1000, multiply/divide decimals by integers</i></p> | | <p align="center">Number</p> <p align="center">Fractions, decimals and percentages</p> <p><i>DP equivalents, fractions as division, understand FDP, equivalent FDP, order FDP, percentage of an amount (one step/multi step), percentages (missing values)</i></p> | | <p align="center">Measurement</p> <p align="center">Area, perimeter and volume</p> <p><i>Shapes (same area), area and perimeter, area of a triangle, area of a parallelogram, volume (counting cubes), volume of a cuboid</i></p> | | <p align="center">Statistics</p> <p><i>Line graphs, dual bar charts, read and interpret pie charts, pie charts with percentages, draw pie charts, the mean</i></p> | |



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| Summer term | <p><u>Geometry</u> Shape/Position and direction <i>Measure and classify angles, calculate angles, vertically opposite angles, angles in a triangle, angles in quadrilaterals, angles in polygons, circles, draw shapes accurately, nets of 3D shapes</i></p> | SATS | Themed projects, consolidation, problem solving |
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