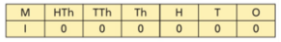
Cedar Park School & Nursery
Be kind ★ Be inspired ★ Believe

Autumn Term Maths Learning Overview

Year 6

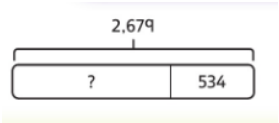
Unit 1 – Place Value within 10,000,000

- Learn to read and write numbers to 10,000,000
- Partition, compare and order numbers up to 10,000,000
- Round numbers
- Work with negative numbers



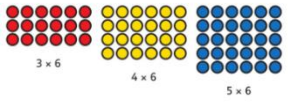
Unit 2 – Four Operations (1)

- Use written methods for addition and subtraction
- Find common factors and multiples
- Learn about prime, square and cube numbers



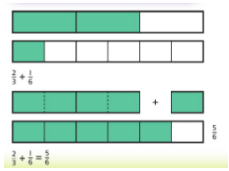
Unit 3 – Four Operations (2)

- Use written methods for multiplication and division
- Learn about the order of operations
- Solve mental calculations



Unit 4 – Fractions (1)

- Simplify fractions
- Compare and order fractions
- Add and subtract fractions including mixed numbers
- Solve problems involving adding and subtracting fractions



Unit 5 – Fractions (2)

- Multiply any fraction by a whole number or another fraction
- Divide a fraction by a whole number
- Solve problems involving all four operations with fractions
- Solve problems involving a fraction of an amount

Unit 6 – Measure – Imperial and Metric Measures

- Choose the most appropriate metric units of measurement to measure different things
- Convert between metric units, between imperial units and from one to the other
- Solve problems involving metric units

Key Vocabulary

ten thousands, hundred thousands, millions, ten million, place value, partition, interval, estimate, compare, order, rounding, positive, negative, column addition, remainder, factor, common factor, common multiple, prime, composite, squared (x^2), cubed (x^3), short division, long division, column multiplication, long multiplication, order of operations, brackets, inverse operation, numerator, denominator, equivalent, simplify, simplest form, highest common factor (HCF), lowest common multiple (LCM), improper fraction, mixed number, convert, integer, metric, imperial