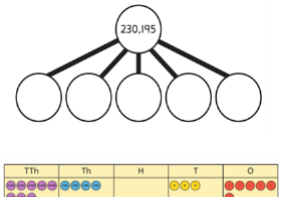
Cedar Park School & Nursery
Be kind ★ Be inspired ★ Believe

Autumn Term Maths Learning Overview

Year 5

Unit 1 Place Value within 1,000,000 (1)

- Find the value of each digit in numbers to 1,000,000
- Partition numbers in different ways
- Compare and order numbers up to 1,000,000
- Represent numbers in different ways including with Roman numerals
-



Unit 2 Place Value within 1,000,000 (2)

- Understand the value of any digit within 1,000,000
- Identify the position of a number on different numberlines
- Compare and order numbers to 1,000,000
- Round numbers to the nearest -10, 100, -1,000, -10,000 and -100,000



Unit 3 Addition and Subtraction

- Add and subtract numbers with up to 5 digits
- Use the column method for addition and subtraction
- Round numbers to estimate the answers to problems
- Add and subtract mentally
- Solve problems involving addition and subtraction

	Th	H	T	O
	2	9	1	8
+	3	0	5	9
	5	9	7	7
			1	

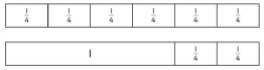
Unit 4 Multiplication and Division

- Recognise and find multiples and factors
- Recognise and identify prime numbers
- Calculate square and cube numbers
- multiply and divide by 10, 100 and 1000
- multiply and divide by multiples of 10, 100 and 1000



Unit 5 Fractions (1)

- find and use equivalent fractions
- convert between improper fractions and mixed numbers
- compare and order fractions





Unit 6 Fractions (2)

- Add and subtract fractions with the same denominator
- Add and subtract fractions including mixed numbers, where one denominator is a multiple of the other
- Solve word problems involving fractions

Key Vocabulary ones (1s), tens (10s), hundreds (100s), thousands (1,000s), ten thousands (10,000s), hundred thousands (100,000s) million (1,000,000), more than (>), less than (<), place value, partition, estimate, add, subtract, mentally, inverse, round, estimate, distance chart, prime number, composite number, square number, cube number, square (x^2), cube (x^3), lowest common multiple, multiply, divide, multiple, factor, equivalent, numerator, denominator, whole, fraction, proper fraction, mixed number, convert, order, greater than (>), less than (<), is equal to (=), equivalent fraction, common denominator,