



SRI KDU
International
School
SUBANG JAYA

CURRICULUM OVERVIEW

YEAR 3 MATHEMATICS



NUMBERS TO 1000 & PLACE VALUE

TERM 1



MULTIPLICATION AND DIVISION, TIME & STATISTICAL METHODS AND CHANCE

Numbers to 1000

- Sort numbers to 1000 into odd and even
- Solve addition and subtraction with an unknown quantity
- Read and write number names
- Use the commutative and associative properties in addition and subtraction
- Compare and order 3-digit numbers
- Recognise complements of 100 and complements of multiples of 10 or 100 (up to 1000).
- Estimate, add and subtract whole numbers

Place Value

- Compose, decompose and regroup 3-digit numbers, using hundreds, tens and ones.
- Count on and count back in steps of constant size
- Recognise and extend linear sequences
- Continue patterns formed from adding and subtracting a constant.

Multiplication and division

- Recognise multiples of 2, 5 and 10 (up to 1000).
- Know 1, 2, 3, 4, 5, 6, 8, 9 and 10 times tables.
- Understand and explain the relationship between multiplication and division.

Time

- Choose the appropriate unit of time for familiar activities.
- Read and record time accurately in digital notation (12-hour) and on analogue clocks.
- Understand the difference between a time and a time interval.
- Find time intervals in days, weeks, months and years.

Statistical methods and chance

- Use familiar language associated with chance
- Conduct chance experiments and investigations, and describe the results.
- Record, organise and represent data using pictograms, bar charts, Venn and Carroll diagrams, tally charts and frequency tables.
- Interpret data and answer questions about charts and tables.



SHAPES AND ANGLES & PATTERNS, PLACE VALUE AND ROUNDING

TERM 2



MULTIPLICATION AND DIVISION & MEASUREMENT

Shapes and angles

- Compare angles with a right angle.
- Describe position, direction and movement of shapes
- Recognise, describe and sort 2D and 3D shapes by their properties.
- Differentiate between regular and irregular polygons.
- Identify both horizontal and vertical lines of symmetry on 2D shapes and patterns.

Patterns, place value and rounding

- Round 3-digit numbers to the nearest 10 or 100.
- Use knowledge of place value to multiply whole numbers by 10.

Multiplication and division

- Understand and explain the relationship between multiplication and division.
- Understand and use the commutative and distributive properties of multiplication.

Measurement

- Estimate and measure lengths in standard units.
- Calculate the perimeter and area of 2D shapes.
- Understand the difference between perimeter and area of 2D shapes.



MEASUREMENT & MULTIPLICATION AND DIVISION

TERM 3



FRACTIONS & NUMBERS TO 1000

Measurement

- Estimate and measure the mass of objects in grams (g) and kilograms (kg).
- Estimate and measure capacity in millilitres (ml) and litres (l).
- Use instruments that measure length, mass, capacity and temperature.

Multiplication and division

- Understand and explain the relationship between multiplication and division.
- Use the commutative and distributive properties of multiplication to simplify calculations.
- Multiply and divide whole numbers up to 100 by 2, 3, 4 and 5.

Fractions

- Understand the relationship between the parts and whole of a fraction.
- Understand and explain that fractions can describe equal parts of a quantity.
- Understand that a fraction can be represented as a division.
- Recognise that two fractions can have an equivalent value.
- Estimate, add and subtract fractions with the same denominator (within one whole).
- Compare and order unit fractions and fractions with the same denominator.

Numbers to 1000

- Interpret money notation for currencies that use a decimal point.
- Add and subtract amounts of money to give change.

WELCOME
TO YEAR 4