

YEAR 8

MATHEMATICS



SRI KDU
International
School
SUBANG JAYA

2.2

PROGRAMME OF STUDY - TERM 2

NUMBER

- Simplifying numbers – Powers of ten, rounding and significant numbers
- Simplifying numbers – Multiplying standard form

ALGEBRA

- Algebraic notation, Like terms, Expanding brackets
- Using algebraic expressions, using index notation
- Graphs – Graphs from linear equations, gradient
- Graphs – Graphs from quadratic equations, real-life graphs

GEOMETRY & MEASURE

- Congruence and Scaling – Congruent shape , Enlargement
- Congruence and scaling – Shapes and ratio, scales

GEOMETRY & MEASURE

- Congruence and Scaling – Congruent shape , Enlargement
- Congruence and scaling – Shapes and ratio, scales

STATISTICS & PROBABILITY

- Interpreting data – Pie charts, Scatter graphs and correlation

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MATHEMATICS



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2.3

PROGRAMME OF STUDY - TERM 2

NUMBER

- Powers of 10, significant numbers and large numbers in standard form
- Manipulating numbers in standard form including calculations

ALGEBRA

- Plotting linear graphs
- Gradients and $y = mx + c$
- Quadratics – plotting and using quadratics to solve equations
- Real life graphs involving average speed and distance time
- Interpreting graphs and relative sized graphs.

GEOMETRY & MEASURE

- Surface Area and Volume of Prisms

STATISTICS & PROBABILITY

- Scatter Graphs and correlation.