

YEAR 11

MATHEMATICS



SRI KDU
International
School
SUBANG JAYA

IGCSE 1 & 2

PROGRAMME OF STUDY - TERM 2

RECAP ALGEBRA

- Straight line, $y=mx+c$
- Parallel & Perpendicular Lines
- Perpendicular bisector, Mid-point & distance
- Linear Programming
- Differentiation & turning points

RECAP GEOMETRY & MEASURE

- Trigonometry –Using trigonometric ratios
- Trigonometry problems in three dimensions,
- Advanced Trigonometry – sine rule, cosine rule & area of triangle

RECAP STATISTICS & PROBABILITY

- Calculating probabilities in practice
- Using Venn diagrams
- Possibility diagrams
- Conditional probabilities
- Tree diagrams

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MATHEMATICS



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IGCSE 3

PROGRAMME OF STUDY - TERM 2

RECAP ALGEBRA

- Solving Equations
- Simultaneous Equations

RECAP GEOMETRY & MEASURE

- Transformation – Enlargement, Rotation, Translation and Reflection
- Similar shapes

RECAP STATISTICS & PROBABILITY

- Cumulative frequency
- Box-and-whiskers
- Calculating probabilities
- Tree diagrams