Implementation Curriculum Overview (Year 9) Maths

A learner in Year 9 will cover a balanced curriculum, covering the 5 branches of mathematics: Number, Ratio, Algebra, Shape, statistics & probability.
The three forms of Mathematical knowledge will be taught: Declarative knowledge, procedural knowledge and conditional knowledge

IMPLEMENTATION – planned and sequenced towards cumulative knowledge and skills

Term 1	Set 1 & 2	Set 3 & 4	Autumn Summative Assessment
	➢ Numeracy review ➢ Sequences ➢ Decimals & Fractions ➢ Angles & Shapes 1 ➢ Angles & Shapes 2 ➢ Algebra 1 ➢ Number 1 ➢ Indices	➢ Numeracy review ➢ Sequences ➢ Decimals & Fractions ➢ Angles & Shapes 1 ➢ Angles & Shapes 2 ➢ Algebra 1 ➢ Number 1 ➢ Indices	Questions based on the content taught covering all 3 AOs: ➢ AO1: Use and apply standard techniques ➢ AO2: Reason, interpret and communicate mathematically ➢ AO3: Solve problems within mathematics and in other contexts
Term 2	Set 1 & 2	Set 3 & 4	Spring Summative Assessment
	➢ Area & Perimeter ➢ Circles ➢ Processing, representing and interpreting data ➢ Measure 1 ➢ Linear Equations ➢ Linear inequalities ➢ Ratio 1 ➢ Percentages ➢ Averages & ranges	➢ Area & Perimeter ➢ Circles ➢ Processing, representing and interpreting data ➢ Measure 1 ➢ Linear Equations ➢ Linear inequalities ➢ Ratio 1 ➢ Percentages ➢ Averages & ranges	Questions based on the content taught covering all 3 AOs: ➢ AO1: Use and apply standard techniques ➢ AO2: Reason, interpret and communicate mathematically ➢ AO3: Solve problems within mathematics and in other contexts 30% of the marks will be awarded for topics from term 1, 70% of the marks from topics taught in term 2.
Term 3	Set 1 & 2	Set 3 & 4	Summer Summative Assessment
	➢ Transformations ➢ Graphs 1 ➢ Pythagoras Theorem ➢ Trigonometry 1 ➢ Standard form ➢ Loci and Constructions ➢ Simultaneous equations ➢ Ratio & proportion ➢ Scatter graphs	➢ Transformations ➢ Graphs 1 ➢ Pythagoras Theorem ➢ Standard form ➢ Rev Linear Equations ➢ Loci and Constructions ➢ Revision Processing, representing and interpreting data ➢ Ratio & proportion ➢ Scatter graphs	Questions based on the content taught covering all 3 AOs: ➢ AO1: Use and apply standard techniques ➢ AO2: Reason, interpret and communicate mathematically ➢ AO3: Solve problems within mathematics and in other contexts Marks will be awarded approximately: 20% of the marks for term 1 topics 20% of the marks for term 2 topics 60% of the marks for term 3 topics.