Implementation Curriculum Overview (Year 7) Maths

A learner in Year 7 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
	O Calculator introduction O Ratio O **Transition unit** O Algebra manipulation O Draw & Measure angles O Angle rules O Algebra manipulation O Equations O Area & Perimeter O 3D shapes	O Calculator introduction O Ratio O **Transition unit** O Algebra manipulation O Draw & Measure angles O Angle rules O Algebra manipulation O Equations O Area & Perimeter O 3D shapes	Question ; based on the content taught covering all 3 AOs: O AO1: Use and apply standard techniques AO2: O Reason, interpret and communicate mathematically O AO3: Solve problems within mathematics and in other contexts
Term 2	Set 1 & 2	Set 3 & 4	Spring Summative Assessment
	O Transformations O Sequences O Graphs O Charts & Diagrams O Fractions O Decimals, rounding & estimating	O Transformations O Sequences O Graphs O Charts & Diagrams O Fractions O Decimals, rounding & estimating	Questions based on the content taught covering all 3 AOs: O AO1: Use and apply standard techniques O AO2: Reason, interpret and communicate mathematically O 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

o Percentages o Probability o Averages o Measures & Conversion o Constructions	o Percentages o Probability o Averages o Measures & Conversion o Constructions	Questions based on the content taught covering all 3 AOs: o AO1: Use and apply standard techniques o AO2: Reason, interpret and communicate mathematically o 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.