

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
	<ul style="list-style-type: none"> ➤ Numeracy review ➤ Sequences ➤ Decimals & Fractions ➤ Angles & Shapes 1 ➤ Angles & Shapes 2 ➤ Algebra 1 ➤ Number 1 ➤ Indices ➤ 	<ul style="list-style-type: none"> ➤ Numeracy review ➤ Sequences ➤ Decimals & Fractions ➤ Angles & Shapes 1 ➤ Angles & Shapes 2 ➤ Algebra 1 ➤ Number 1 ➤ Indices ➤ 	<p>Questions based on the content taught covering all 3 AOs:</p> <ul style="list-style-type: none"> ➤ 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
	<ul style="list-style-type: none"> ➤ Area & Perimeter ➤ Circles ➤ Processing, representing and interpreting data ➤ Measure 1 ➤ Linear Equations ➤ Linear inequalities ➤ Ratio 1 ➤ Percentages ➤ Averages & ranges 	<ul style="list-style-type: none"> ➤ Area & Perimeter ➤ Circles ➤ Processing, representing and interpreting data ➤ Measure 1 ➤ Linear Equations ➤ Linear inequalities ➤ Ratio 1 ➤ Percentages ➤ Averages & ranges 	<p>Questions based on the content taught covering all 3 AOs:</p> <ul style="list-style-type: none"> ➤ AO1: Use and apply standard techniques ➤ AO2: Reason, interpret and communicate mathematically ➤ AO3: Solve problems within mathematics and in other contexts <p>30% of the marks will be awarded for topics from term 1, 70% of the marks from topics taught in term 2.</p>
Term 3	Set 1 & 2	Set 3 & 4	Summer Summative Assessment
	<ul style="list-style-type: none"> ➤ Transformations ➤ Graphs 1 ➤ Pythagoras Theorem ➤ Trigonometry 1 ➤ Standard form ➤ Simultaneous equations ➤ Ratio & proportion ➤ Scatter graphs 	<ul style="list-style-type: none"> ➤ Transformations ➤ Graphs 1 ➤ Pythagoras Theorem ➤ Rev Linear Equations ➤ Revision Processing, representing and interpreting data ➤ Ratio & proportion ➤ Scatter graphs 	<p>Questions based on the content taught covering all 3 AOs:</p> <ul style="list-style-type: none"> ➤ AO1: Use and apply standard techniques ➤ AO2: Reason, interpret and communicate mathematically ➤ AO3: Solve problems within mathematics and in other contexts <p>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.</p>

