SUBJECT   MATHEMATICS   HOD: MS SOLANI

Year 9	UNIT TITLES	LEARNING OBJECTIVES	ASSESSMENT ASSIGNMENTS
TERM 1	Number 1 Algebra 1 Geometry and Measure 1 Number 2 Statistics 1 Algebra 2 Geometry and Measure 2	• Multiples, factors, HCF, LCM • Ratio and proportion • Sequences • nth term of a linear sequence • Angle properties • Construction and loci • Decimals, factions, percentages, ratio and properties • Complex calculations • Discrete and continuous data • Functions and graphs • Index laws • Area and circumference of circles • Perimeter & area • Surface area • Volume	• Past papers • Functional skills/ investigations • Progress tests • Mental tests
TERM 2	Number 3 Algebra 3 Geometry and Measure 3 Algebra 4 Statistics 3	• Decimals • Estimation • Metric units • Functions • Rearranging formula • Graphs • Congruency • Transformations • Formulae • Linear equations • Surveys & experiments • Diagrams & graphs	• Past papers • Functional skills/ investigations • Progress tests • Mental tests
TERM 3	Solving Problems Algebra 5 Number 4 Geometry and Measure 4 Statistics 4	• Logic • Proof • Collecting like terms • Graphical solutions • Order of operations • 3D shapes • Geometric reasoning • Co-ordinates • Construction & loci • Averages • Analysing graphs and tables • Further probability	• Past papers • Functional skills/ investigations • Progress tests • Mental tests