









MATHEMATICS GRADE 10: 2014

TOPIC	ASSESSMENT STANDARDS	PORTFOLIO ASSESSMENT TASKS
PHASE 1 (1 November 2013 – 28 March 2014)		
Algebra	Products and factors	<p> Task 1 Control Test Week 3 – 7 December 2013</p> <p> Task 2 Assignment : Application of functions <u>Scheduled: Week 10 – 14 March</u></p> <p> Task 3 March Control test: <u>Scheduled for 25 - 28 March</u></p>
	Algebraic fractions	
	Equations and inequalities	
	Simultaneous equations	
Functions (graphs)	Investigations of characteristics of the straight line, parabola and hyperbola $y = ax + q$, $y = ax^2 + q$, $y = \frac{a}{x} + q$ and $y = a.b^x + q$	
Co-ordinate Geometry	Gradient, length and midpoint.	
	<i>Solve unseen problems</i>	
PHASE 2 (8 April 2014 – 28 June 2013)		
Algebra	Exponents	<p> Task 4 Revision assignment : paper 1 topics due <u>5 May</u></p>
	Placement of surds	
Euclidean Geometry	Midpoint theorem and Quadrilaterals	<p> Task 5 Geometry control test: <u>22/23 May</u> And: Mid-Year Examinations: <u>Scheduled for 17 – 27 June</u> P1 topics: Algebra and functions; finance</p>
Number patterns	Linear number patterns	
Financial Maths	Use of simple and compound growth formulae Exchange rates	
	<i>Solve unseen problems</i>	
PHASE 3 (15 July 2014 – 20 October 2014)		
Trigonometry	Definition of trigonometrical ratios	<p> Task 6 Control test: Trigonometry (13 – 15 August)</p> <p> Task 7 Assignment: Statistics 11 – 12 September</p> <p> Task 8 Final Examinations: <u>Scheduled for 17 – 31 October</u> P1 : Algebra; Number patterns, Functions, Finance, Probability P2: Statistics, Trigonometry, Co-ordinate Geometry, Euclidean Geometry, Measurement</p>
	Solution of problems in two dimensions	
	Functions	
Geometry	Measurement of solids	
Statistics	Measures of central tendency and ranges	
	Interpretation of data	
Probability	Relative and theoretical probability; solution of problems	
	<i>Solve unseen problems</i>	