

2025 National ATP: MATHEMATICS GRADE 10 – TERM 1

TERM 1	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11		
Topics		Algebra	ic expressions			Exponents, equation	ons and inequalities	Trigonometry					
Date Suggested		15 Jan – 0	7 Feb (18 days)			10 Feb - 07 I	Mar (20 days)	10	0 Mar – 28 Mar (14 days	s)			
Date completed													
SBA		Investigation or	project (by the end	week 6)		&			Test (content of term 1)				

2025 National ATP: MATHEMATICS GRADE 10 – TERM 2

TERM 2	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 7 Week 8 - 9		Week 10 Week 11			
Topics		Euclide	ean Geometry		Analytical	l Geometry	Functions (line	ear and parabola)		Exam			
Date Suggested		08 April –	1 May (17 days)		05 May – 16 l	05 May – 16 May (10 days) 19 May – 06 June (15 days)			09 June – 27 June				
Date completed													
SBA		Assig	nment		Mid-Year Exam								

2025 National ATP: MATHEMATICS GRADE 10 – TERM 3

TERM 3	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	
Topics	Functions (hype	erbola and exponent)	Trig functions		Trigonometry (2D)	Statistics		Probability		Finance and growth		
Date Suggested	22 July – 0	1 Aug (08 days)	04 Aug – 15 Aug (10 days) 18 – 22 Aug days)			25 Aug – 5 S	lept (10 days)	8 Sept – 19 S	Sept (10 days)	22 Sept – 03	Oct (10 days)	
Date completed	d											
SBA	Test (Completed by week 6)							T	est			

2025 National ATP: MATHEMATICS GRADE 10 – TERM 4

TERM 4	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	EXAM		
Topics	Measurement 13 Oct 24 Oct (10 days)		Number Patterns	Revise Algebra	Revise Trigonometry & Geometry	Revise Functions		Examination		Admin	PAPER 1 Algebra	30	
Date Suggested	13 Oct 24	4 Oct (10 days)	27 – 31 Oct	3 – 7 Nov	10 – 14 Nov	17 – 21 Nov		24 Nov -			Number Patterns Finance, growth	15 10	
Date completed	d										Functions and Graphs	30	
SBA		Test (Completed	l by week 4)								Probability	15	
TOTAL NUMB	PA SI TOTAL NUMBER OF SBA TASKS 7 Tr												
											Euclidean Geometry & Measurement	30	



2025 National ATP: MATHEMATICS GRADE 10 – TERM 1

TERM 1	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11		
Topics		Algebraic o	expressions			Exponents, equation	ons and inequalities		Trigonometry				
1. 2. 3. 4. 5. 6.	 Establish betw Round real nu Multiplication Factorization trinomials grouping sum and of Simplifying, a 		gers a given simple state degree of accurationial. The ght in Grade 9 and: The grade 9 and: The grade 9 and: The grade 9 and a grade of a grade	surd lies. acy. s using	 x^m x xⁿ = x x^m ÷ xⁿ = x (x^m)ⁿ = xⁿ x^m x y^m = Also, by definiting x⁻ⁿ = 1/xⁿ, x ≠ x Use the laws of expectation the rules also holds 3.1. Revise the standard standar	x^{m-n} $= (xy)^m$ ion: $0 \text{ and } x^0 = 1, x \neq 0$ exponents to simplify ex d for $m, n \in \mathbf{Q}$. solution of linear equational equations (by factorizatic equations (by factorizatic equations involving linear equations) and equations (changing the inequalities (and shown)	pressions and solve equions. orisation). as in two unknowns. hear, quadratic or simulton simulton the subject of a formula	nations, accepting that	 Using the right – angled Extend the definitions o Use a diagram to determ 360° Define the reciprocal of the right – angled triang only) Derive values of the trig calculator) θ ∈ {0°; 30° Solve simple trigonome 	If $\sin \theta$, $\cos \theta$ and $\tan \theta$ for 0° nine the numerical values of rate that the trigonometric ratios cosed les (these three reciprocals shown conometric ratios for the special	$\leq \theta \leq 360^{\circ}$. ios for angles from 0° to θ , sec θ and cot θ , using uld be examined in grade 10 l cases (without using a en 0° and 90°		
SBA			Investiga	ntion or project		&				Test (content of t	erm 1)		

2025 National ATP: MATHEMATICS GRADE 10 – TERM 2

TERM 2	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8 - 9	Week 10	Week 11	Week 12	
Topics		Euclidean G	eometry	•	Analytical Geon	netry	Function	(Linear and parabola)	Exam			
	angles and tri triangles. 2. Define the forectangle, rho conjectures a areas of these 3. Investigate lin triangle. 4. Solve problem	angles, especially the sallowing special quadrilatembus, square and trape bout the properties of the quadrilaterals. Prove the segment joining the sallowing	midpoints of two sides on two sides on the properties of parage.	ogram, nake als and	 Represent quadrilaterals ar geometric figures on a Car ordinate system. Derive an two points (x1; y1) and (x2 formulae for calculating th distance between the tw gradient of the line segnthe two points (and from parallel and perpendicu) Coordinates of the midline segment joining the 	tesian co- d apply for any ; y ₂) the e: yo points; ment connecting in that identify lar lines); and point of the	uniquely depends on ano relationships between var formulae. Convert flexib the graph defined by $y = 2$. Point by point plotting of discover shape, domain (asymptotes, axes of symmaxes (where applicable). 3. Investigate the effect of a $y = a$. $f(x) + q$, where 4. Sketch graphs, find the graphs.	equations of given graphs and interpret graphs must be based on the observation of		June Examina	ation	
Date completed												
SBA		Assig	gnment		Mid-Year Exam							



2025 National ATP: MATHEMATICS GRADE 10 – TERM 3

TERM 3	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11
Topics	Function (hyperbola and exponential)		Trig functions		Trigonometry (2D)	Stati	stics	Probabi	lity	Finance and growth	
Date completed	·		defined by $y = s$ $y = tan\theta$ for $\theta \in S$ 9. Study the effect of graphs defined by $y = a \sin \theta$ $y = a \cos \theta$ $y = a \tan \theta$ $\theta \in Q$ and $\theta \in [0^\circ; 360]$ 10. Sketch graphs, for	of a and q on the a : $a + q;$ $a + q;$ $a + q + q + q + q + q + q + q + q + q + $	1. Solve two dimensional problems involving right angled – triangle 2. Problems in two dimensional	identification of modal is which the median lies.3. Range as a measure of decision.	dency in grouped data: mate of grouped data and interval and interval in ispersion and extension martiles, inter-quartile and e. maximum, minimum and whisker diagram. aries (measures of central), and graphs to analyse mments on the context	 The use of probability more relative frequency of ever theoretical probability. The use of Venn diagram problems, deriving and a for any two events in a sate of the events	Ints with the sto solve probability polying the following ample space S: $P(B) - P(B) - P(B) = P(B)$ where $P(B) + P(B) = P(B)$ where $P(B) = P(B)$ is to solve probability p	formulae $P(1+in) \text{ and}$ to solve problen hire purchase, in growth and othe Understand the impl	and compound growth $[A = A = P(1+i)^n]$ ins, including interest, inflation, population er real-life problems. Itication of fluctuating tes (e.g. on the petrol rits, overseas travel).
SBA			Test					Test			

2025 National ATP: MATHEMATICS GRADE 10 – TERM 4

TERM 4	Week 1	Week 2	Week 3	Week 4		Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	EXAM	
Topics			Number Patterns	Revise Algebra		Revise Trigonometry & Geometry	Revise Functions		Examination		Admin	PAPER 1 Algebra	30
	of right-prisms a 2. Study the effect surface area who	on volume and en multiplying any constant factor k. lume and surface , right pyramids, combination of	Patterns: Investigate number patterns leading to those where there is a constant difference between consecutive terms, and the general term (without using a formula-see content overview) is therefore linear.									Number Patterns Finance, growth Functions and Graphs Probability	15 10 30 15
												PAPER 2	
Date completed												Statistics Analytical Geometry Trigonometry Euclidean Geometry &	15 15 40 30
SBA			Test	•							•	Measurement	
	TOTAL OF 7	OTAL OF 7 SBA TASKS											