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ACADEMIC WEEKS	CAPS TOPIC TAS MODULE	CAPS CONCEPT TAS UNIT	KEY TERMS TAS TERMINOLOGY	CONCEPTS, SKILLS AND VALUES <i>(Source: DBE 2023/24 ATP)</i>	TAS GR 12 ML CLASS TEXTS & STUDY GUIDE		DATE COMPLETED	
					Notes, Worked Examples & Videos	Test Your Understanding		
WEEK 1 15 – 17 Jan	Module 1: Numbers and Calculations with Numbers  PAPER 1 and PAPER 2	Unit 1: Number formats and conventions [CAPS p. 28]	p. 1 digit; million; billion; trillion	Decimal point, comma, thousand separators (1 000, 1000 000 etc.) Positive & negative numbers in contexts, conversions between number formats (e.g. dozen, over, century etc.)	p. 4 – 5  p. 5 – 6	p. 6 ... Q1 & 2  p. 6 ... Q3 – 6		
WEEK 2 20 – 24 Jan		Unit 2: Operations on numbers and calculator skills [CAPS p. 29]	p. 1 – 2 estimation; addition; subtraction; multiplication; division; of; BODMAS; power; square root; fraction; equivalent fraction; mixed fraction; improper fraction	Operations with whole numbers and decimals with and without a calculator (BODMAS) Use a calculator to find: square, cube, square root of a number Operations with fractions	p. 7 – 10  p. 10 – 11  p. 11 – 13	p. 14 ... Q1, 2 & 6  p. 14 ... Q3 – 5  p. 14 ... Q7 – 8		
WEEK 3 27 – 31 Jan		Unit 3: Rounding [CAPS p. 30]	p. 2 decimal place; rounding	Rounding-off: to a specified number of decimal places  Rounding-off: to the nearest whole number, up or down	p. 18  p. 17 – 20	p. 21 ... Q1.7 – 1.9 p. 21 ... Q1.16 – 1.20 p. 21 ... Q2 p. 21 ... Q1.1 – 1.6 p. 21 ... Q1.10 – 1.15 p. 21 ... Q3 – 7 p. 26 ... Q1 – 5		
WEEK 4 3 – 7 Feb		Unit 4: Ratios [CAPS p. 31]	p. 2 ratio; equivalent ratios; simplified ratios	Ratios: situations, formats and calculations	p. 22 – 26			
		Unit 5: Proportion [CAPS p. 32]	p. 2 proportion; direct proportion; indirect/inverse proportion	Direct and indirect proportion also needs to be covered	p. 27 – 32	p. 32 – 33 ... Q1 – 12		
		Unit 6: Rates [CAPS p. 33]	p. 3 rate; unit rate; average rate; constant rate; speed	Rates: meaning, types and calculations	p. 33 – 36	p. 37 ... Q1 – 10		
		Unit 7: Percentages [CAPS p. 34 – 35]	p. 3 percentage; discount; sale price	Percentage: notation and calculations Percentage increase and decrease calculations	p. 38 – 39  p. 39 – 41	p. 41 ... Q1, 2 & 5  p. 41 ... Q3, 4, 6 – 8		
WEEK 5 10 – 14 Feb		Module 2: Patterns, Relationships and Representations  PAPER 1 and PAPER 2	Unit 2: Patterns and Relationships [CAPS p. 38 – 43]	p. 43 constant difference; constant ratio; constant product; constant/fixed relationship; linear relationship; linear relationship in direct proportion; linear relationship not in direct proportion; indirect/inverse proportion relationship	Constant, direct proportion and inverse proportion relationships  Tables with input and output values	p. 49 – 52 (Constant relationship) p. 53 – 55 (Linear relationship in direct proportion) p. 57 – 59 (Linear relationships not in direct proportion) p. 60 – 62 (Indirect/inverse proportion relationships) p. 64 (Summary table)	p. 52 ... Q1 – 3 p. 56 ... Q1 – 4 p. 59 – 60 ... Q1 – 4 p. 63 ... Q1 – 3 p. 65 – 67 ... Q1 – 9	
WEEK 6 17 – 21 Feb					Table with dependent and independent values, variables Equations Graphs	p. 47 – 48  Covered above in Unit 2  Covered above in Unit 2	p. 49 ... Q1	
					Interpretation of Tables and Graphs e.g. determine dependent and independent values, variables, zero values, min, max values, missing values	p. 48	p. 49 ... Q2	
WEEK 7 24 – 28 Feb			Unit 1: Making Sense of Graphs that Tell a Story [CAPS p. 37]	p. 42 – 43 discrete variable; continuous variable; independent variable; dependent variable; function; increasing function; decreasing function; x-axis; y-axis; slope (gradient); speed; maximum value; minimum value; zero values; critical values	Write a story from a graph or draw a graph from a story	p. 44 – 45	p. 46 – 47 ... Q1 – 4	

<b>WEEK 8</b> 3 – 7 March  <b>WEEK 9</b> 10 – 14 March  <b>WEEK 10</b> 17 – 20 March	<b>Module 6:</b> <b>Data Handling</b>  PAPER 1	<b>Unit 1:</b> Developing Questions [CAPS p. 83]	p. 149 <i>data; data handling; statistics; statistical process; develop/pose a question</i>	Developing questions	p. 152 – 153	p. 153 ... Q1 – 2
		<b>Unit 2:</b> Collecting Data [CAPS p. 83]	p. 149 <i>raw data; observation; interview; survey; questionnaire; population; sample; reliability</i>	Collecting data	p. 153 – 156	p. 156 ... Q1 – 4
		<b>Unit 3:</b> Classifying and Organising Data [CAPS p. 83]	p. 150 <i>categorical data; numerical data; discrete data; continuous data; class intervals; class width; tally; tally table; frequency; frequency table</i>	Classifying and organising data	p. 156 – 158	p. 158 ... Q1 – 4
		<b>Unit 4:</b> Summarising Data [CAPS p. 84]	p. 150 <i>measure of central tendency; mean; median; mode; bimodal; measure of spread; range</i>	Summarising data: mean, median, mode, range	p. 159 – 160	p. 161 ... Q1 – 2
<b>WEEK 10</b> 17 – 20 March		<b>Unit 6:</b> Interpreting and Analysing Data [CAPS p. 87 – 89]	p. 151 <i>trend of a graph; scale of the axis</i>	Analyse data represented by the above	p. 170	p. 170 ... Q1
<b>WEEK 11</b> 24 – 28 March	<b>REVISION</b>	<b>Module 1: Numbers and Calculations with Numbers</b> <b>Module 2: Patterns, Relationships and Representations</b> <b>Module 6: Data Handling</b>				

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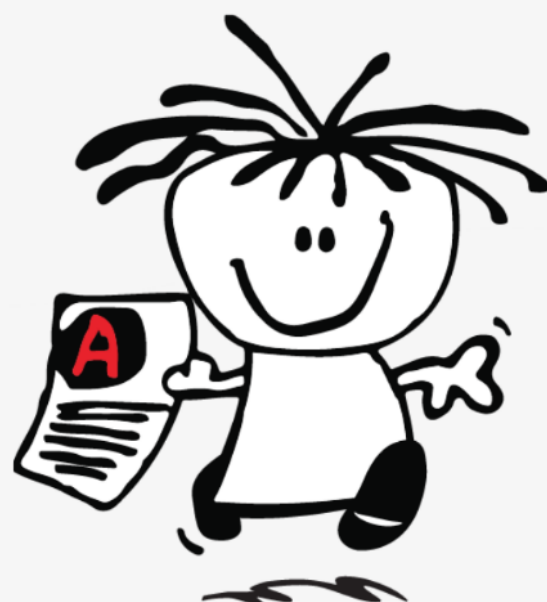
**GRADE 10 – TERM 1: PROGRAMME OF ASSESSMENT**

Task Description	Raw Task Total	Term Weight %	SBA %
Investigation	50	40	10
Controlled Test 1	50	60	20

Source: DBE 2024-2025 Programme of Assessment p.75

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