

Curriculum Progress Report
SESSION: 2023 – 2024
Month : September - Grade 11

Subject	Chapter	Topics Covered	Additional Information
English	Text Analysis	To introduce how to analyse a satire and a persuasive	No. of Worksheets and Assignments completed: 3 No. of unit tests/class tests done: 1
	Text Analysis	To practice analysing forms and structures and lexical groups	
	Directed Writing	To introduce the syllabus for all genres and practice a formal letter	
	Comparison of Texts	To compare the report with the written letter	
	Composition	To introduce argumentative methods for A levels and practice	
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	Limited company -19	Students will learn and Understand the meaning of Share, debentures, redeemable, Non- redeemable, cumulative non- cumulative, Participating P.S, right issue, bonus issue, equity reserve and interim dividend, profit from operation, share premium, general reserve, revaluation reserve, Capital redemption reserve, structure and content of limited company accounts, and also learn to Prepare income statement, statement of financial position, share issue ledger accounts and statement of changes in equity for limited companies from full or incomplete accounting records.	

Accounting	Incomplete Records	<p>Students will be ableTo explain the disadvantages of not maintaining a full set of accounting records</p> <p>To prepare opening and closing statements of affairs</p> <p>To calculate profit or loss for the year from changes in capital over time</p> <p>To calculate sales, purchases, gross profit, trade receivables and trade payables and other figures from incomplete information</p> <p>To prepare income statements and statements of financial position form incomplete records</p> <p>To make adjustments for provision for depreciation using the straight-line, reducing balance and revaluation methods</p> <p>To make adjustments for accrued and prepaid expenses and accrued and prepaid income</p> <p>To make adjustments for irrecoverable debts and provisions for doubtful debts</p> <p>To make adjustments for goods taken by the owner for own use</p> <p>To apply the techniques of mark-up, margin and inventory turnover to arrive at missing figures</p>	<p>No. of Worksheets and Assignments completed: 3</p> <p>No. of Math problems / No. of Sums practices / Exercises completed: N/A</p> <p>No of Lab classes held (if applicable): and Topics Covered:</p> <p>No. of unit tests/class tests done: 2</p>
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Statistics 1	Ch-3: Measures of Variation	<ol style="list-style-type: none"> 1. find and use different measures of variation 2. calculate and use the standard deviation a set of data either from the data itself or from given totals or coded totals and use such totals in solving problems that may involve up to two data sets. 	<p>No. of Worksheets and Assignments completed: 3</p> <p>No. of Math problems / No. of Sums practices / Exercises completed: N/A</p> <p>No of Lab classes held (if applicable): and Topics Covered:</p> <p>No. of unit tests/class tests done: 2</p>
	Ch-4: Probability	<ol style="list-style-type: none"> 1. evaluate probabilities by means of enumeration of equiprobable elementary events. 2. use addition and multiplication of probabilities appropriately. 3. use the term mutually exclusive and independent events. 4. determine whether two events are independent 5. calculate and use conditional probabilities. 	



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Chemistry	Unit:5- States of matter, Unit	<p style="text-align: center;">4.1 Types of chemical bonding 4.2 Ionic bonding 4.3 Covalent bonding 4.4 Shapes of molecules 5.1state of matter, 5.2 to 5.4 All states, 5.5 Fullerene, 6.1 & 6.2 enthalpy changes, 6.3 measuring enthalpy changes 6.4 Hess's law 6.5 Bond energy 6.6 calculating enthalpy change</p>	No. of Worksheets and Assignments completed: Unit:4-4, Unit 5 & 6- 2 No. of Math problems / No. of Sums practices / Exercises completed: N/A No of Lab classes held (if applicable): Weekly one class and Topics Covered: Rate of reaction, Enthalpy change No. of unit tests/class tests done: 2
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	Chapter 10. Human resour	<p>Leaners will be able to demonstrate the 2.1.1 Purpose and roles of HRM</p> <ul style="list-style-type: none"> • the role of HRM in meeting organisational objectives <p>2.1.2 Workforce planning</p> <ul style="list-style-type: none"> • the reasons for and role of a workforce plan • measurement of labour turnover • the implications of high and low labour turnover for a business <p>2.1.3 Recruitment and selection</p> <ul style="list-style-type: none"> • recruitment of employees: process (job descriptions and person specifications) and recruitment methods (job advertisements, employment agencies, online recruitment) • internal and external recruitment • selection methods: curriculum vitae, résumé, application forms, interviews, references, testing, assessment centres • employment contracts <p>2.1.4 Redundancy and dismissal</p> <ul style="list-style-type: none"> • the difference between redundancy (voluntary and involuntary) and dismissal (fair, unfair) <p>2.1.5 Morale and welfare</p> <ul style="list-style-type: none"> • the relationship between HRM, employee morale and welfare in a business including the concept of worklife balance • the impact of diversity and equality in the workplace on a business <p>2.1.6 Training and development</p> <ul style="list-style-type: none"> • different types of training: induction, on-the-job, off-the-job • the impact of training and development on a business • employee development to encourage intrapreneurship • employee development to encourage multi-skilling and flexibility, 2.1.7 Management and workforce relations • how cooperation between management and the workforce can be of benefit to both • the impact on employers and employees of trade union involvement in the workplace including their role in collective bargaining 	
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Business Studies	Chapter 11. Motivation	<p>Students will be able to discuss the 2.2.1 Motivation as a tool of management and leadership</p> <ul style="list-style-type: none"> • the need to motivate employees to achieve the objectives of a business <p>2.2.2 Human needs</p> <ul style="list-style-type: none"> • a simple explanation of human need • how human needs may or may not be satisfied at work <p>2.2.3 Motivation theories</p> <ul style="list-style-type: none"> • the ideas of the main content theories (Taylor, Mayo, Maslow, Herzberg and McClelland) and process theory (Vroom) <p>2.2.4 Motivation methods in practice: financial motivators, non-financial motivators</p> <ul style="list-style-type: none"> • the theories in practical situations • different payment methods: time based, salary, piece rates, commission, bonuses, profit sharing, performance-related pay, fringe benefits • different types of non-financial motivators: training, opportunities for promotion, development, status, job re-design, team working, empowerment, participation, job enrichment • ways in which employees can participate in the management and control of business activity 	<p>No. of Worksheets and Assignments completed: 3</p> <p>No. of Math problems / No. of Sums practices / Exercises completed: N/A</p> <p>No of Lab classes held (if applicable): and Topics Covered:</p> <p>No. of unit tests/class tests done: 2</p>
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Pure Maths 1	Chapter 3- Coordinate Geometry	<p>Students will be able to understand:</p> <ol style="list-style-type: none"> 1. Find the equation of a straight line when given sufficient information 2. Interpret and use any of the forms of equation of line in solving problems 3. Understand that the equation $(x-a)^2 + (y-b)^2 = r^2$ is an equation of circle with the radius r. 	<p>No. of Worksheets and Assignments completed: 3</p> <p>No. of Math problems / No. of Sums practices / Exercises completed: N/A</p> <p>No of Lab classes held (if applicable): and Topics Covered:</p> <p>No. of unit tests/class tests done: 2</p>
	Chapter 4- Circular Measure	<p>Students will be able to understand:</p> <ol style="list-style-type: none"> 1. Definition of a radian and use the relationship between radian and degree 2. Use the formula $s=r\theta$ and $A=\frac{1}{2}r^2\theta$ to solve problem concerning the arc length and sector area 	

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		<ol style="list-style-type: none"> 1 describe and draw the general structure of an amino acid and the formation and breakage of a peptide bond 2 explain the meaning of the terms primary structure, secondary structure, tertiary structure and quaternary structure of proteins 	

Biology	2. Biological Molecules	1 describe the types of interaction that hold protein molecules in shape: <ul style="list-style-type: none"> • hydrophobic interactions • hydrogen bonding • ionic bonding • covalent bonding, including disulfide bonds 	No. of Worksheets and Assignments completed: 4 No. of Math problems / No. of Sums practices / Exercises completed: N/A No of Lab classes held (if applicable): 4 and Topics Covered: Food Test, Enzymes No. of unit tests/class tests done: 2
		1 describe the types of interaction that hold protein molecules in shape: <ul style="list-style-type: none"> • hydrophobic interactions • hydrogen bonding • ionic bonding • covalent bonding, including disulfide bonds 	
		Review of Biological molecules	
	Biological Molecules	A01+A02	
	3. Enzymes	The characteristics of enzymes and the mode of action of enzymes	
		How can the rate of an enzyme-catalysed reaction be measured?	
		Factors that affect enzyme activity: temperature, pH, substrate concentration and enzyme concentration	
		Factors that affect enzyme activity: inhibitors	
		Diagrams illustrating the processes of competitive and non-competitive inhibition, and how to estimate the Michaelis–Menten constant from a graph	
		Questions focusing on enzyme affinity and the Michaelis–Menten constant	
Immobilising enzymes			
review of Enzymes			
A01+A02 enzymes			
Cell membranes and transport			
	The fluid mosaic structure		
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CSc	Ch 2 : Communication	Chapter 2 : Communication Topics: Networks including the internet LAN (local area network) and a WAN (wide area network), client-server and peer-to-peer models of networked computers, thin-client and thick-client, bus, star, mesh and hybrid topologies, cloud computing Ethernet, bit streaming, copper cable, fibre optic cable, radio waves (including WiFi), microwaves, satellites, switch, server, Network Interface Card (NIC), Wireless Network Interface Card (WNIC), Wireless Access Points (WAP), cables, bridge, repeater, PSTN (Public Switched Telephone Network), dedicated lines, cell phone network	"No. of Worksheets and Assignments completed: 6 No. of Math problems / No. of Sums practices / Exercises completed: Past paper practice of P1 & P2 No of Lab classes held (if applicable): All Lab classes No. of unit tests/class tests done: 4"
	Ch 12 : Algorithm design and problem solving (Cont.....)	Topic : Algorithm design and problem solving (Abstract Data Types), Algorithms (performance), Recursion, Design, program and evaluation Design, program and evaluate computer systems to solve problems, making reasoned judgements about these	
	Ch 3 Hardware	Chapter 3 : Hardware Topics: Embedded Systems, Memory components, Secondary storage devices, Output devices provided for a user of a general-purpose computer system, Input devices provided for a general-purpose computer system, Input and Output of sound	
	Ch 4 Logic gate and logic circuits	Ch 4 Logic gate and logic circuits Topics: Logic gate and logic circuits Logic Gates and Logic Circuits, Boolean logic and problem statements, Boolean Operators, Truth tables, NOT, AND, OR,NAND,NOR,XOR Gates	
	Ch 13 Data Types and Structures	Data types, The record type, Arrays, One-dimensional arrays	



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Law	Paper 1: Criminal Courts and Process, Police Power, Paper 2: Case studies on Wills, Immigration, Jury, Theft, Burglary.	Actus Reus and Mens Reus of different types of crimes (Immigration, Jury, Burglary, Theft)	4 Worksheets and 12 Assignments No. of unit tests/class tests done: 2
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	Chapter 12- Reasons for government intervention in markets	<ul style="list-style-type: none"> • explain why there is the non-provision of public goods • explain why there is overconsumption of demerit goods and the underconsumption of merit goods • explain why governments control prices in markets. 	
	Chapter 13- Methods and effects of government intervention in markets	<ul style="list-style-type: none"> • analyse the impact and incidence of specific indirect taxes • analyse the impact and incidence of subsidies • explain direct provision of goods and services • analyse maximum and minimum prices • analyse buffer stock schemes • explain provision of information. 	
	Chapter 14- Addressing income and wealth inequality	<ul style="list-style-type: none"> • explain the difference between income as a flow concept and wealth as a stock concept • measure inequality in income and wealth with a Gini coefficient • explain the economic reasons for inequality of income and wealth • discuss policies that redistribute income and wealth, including the minimum wage, transfer payments, progressive income taxes, inheritance and capital taxes, and state provision of essential goods and services. 	
		<ul style="list-style-type: none"> • define the meaning of national income • explain the purpose of national income statistics • explain the difference between gross domestic product (GDP), gross national income (GNI) and net national income (NNI) • analyse the three methods of measuring GDP • explain how measures of national income are adjusted from market prices to basic prices • explain how measures of national income are adjusted from gross values to net values. 	
		<ul style="list-style-type: none"> • define the circular flow of income • explain the difference between the circular flow of income in a closed economy and in an open economy: the flow of income between households, firms and the government and the international economy • analyse the impact of injections and leakages on the circular flow of income • identify the difference between the country's income being in equilibrium and being in disequilibrium. 	No. of Worksheets and Assignments completed: 4

	<ul style="list-style-type: none"> • define the meaning of aggregate demand (AD) • explain the components of aggregate demand • analyse the determinants of aggregate demand • explain the shape of the aggregate demand curve • analyse the causes of a shift in the aggregate demand curve • define the meaning of aggregate supply (AS) • analyse the determinants of aggregate supply • explain the shape of the aggregate supply curve in the short run (SRAS) and the long run (LRAS) • explain the causes of a shift in the AS curve in the short run (SRAS) and in the long run (LRAS) • identify the difference between a movement along and a shift in aggregate demand and aggregate supply • explain how equilibrium is established in the AD/AS model and how the level of real output, the price level and employment are determined • discuss the effects of shifts in the AD curve and the AS curve on the level of real output, the price level and employment. 	No. of unit tests/class tests done: 2	
Chapter 18- Economic growth	<ul style="list-style-type: none"> • define the meaning of economic growth • describe how economic growth is measured • explain the difference between growth in nominal GDP and real GDP • analyse the causes of economic growth • discuss the consequences of economic growth. 		
Chapter 19- Unemployment	<ul style="list-style-type: none"> • define the meaning of unemployment • explain the difference between the economically active and the economically inactive population • explain the difference between the level of unemployment and the rate of unemployment • calculate the rate of unemployment • explain how unemployment is measured • consider the difficulties of measuring unemployment • analyse the causes and types of unemployment: frictional, structural, cyclical, seasonal and technological • discuss the consequences of unemployment. 		
Subject	Chapter	Topics Covered	Additional Information

Psychology	Chapter 2 - The Biological Approach		No. of Worksheets and Assignments completed: 3 No. of Math problems / No. of Sums practices / Exercises completed: N/A No of Lab classes held (if applicable): and Topics Covered: No. of unit tests/class tests done: 2
Chapter	Chapter	Topics Covered	Additional Information
Physics	Chapter-Dynamics- Newtons laws of motion and their applications	Be able to use Newton's laws of motion to solve problem	No. of Worksheets and Assignments completed: 3 No. of Math problems / No. of Sums practices / Exercises completed: N/A No of Lab classes held (if applicable): and Topics Covered: No. of unit tests/class tests done: 2
	2. Concept of Linear momentum-1d, 2d, Principle of conservation of momentum, Elastic and inelastic collision, relative speed, solving probles	Concept of different types of collisions, Sticky and springy collision, Solving problem in 1D and 2D momentum	
	Concept of non-uniform motion	The idea of different types of forces e.g.,drag, normal, viscus, upthrust, frictional force etc and use the to solve problems	