

Curriculum Progress Report
SESSION: 2023 – 2024
Month :September - Grade 10

Subject	Chapter	Topics Covered	Additional Information
CSc	Chapter 20: Spreadsheet	Be able to create an appropriate Spreadsheet Know and understand types of Spreadsheet Know and understand cell and sheet	"No. of Worksheets and Assignments completed: 4 (Past Paper practice of P3) No. of Math problems / No. of Sums practices / Exercises completed: Past paper practice of P3 No of Lab classes held (if applicable): All Lab class and Topics Covered: No. of unit tests/class tests done: 1
Subject	Chapter	Topics Covered	Additional Information
Biology	Ch 18 : Organisms and their Environment 18.1	1.State that the Sun is the principal source of energy input to biological systems 2.Describe the flow of energy through living organisms, including light energy from the Sun and chemical energy in organisms, and its eventual transfer to the	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): N/A and Topics Covered: No. of unit tests/class tests done: 2
	Ch 18 : Organisms and their Environment 18.1	1.Describe and construct food chain/web 2.defining and explaining producers and different levels of consumers 3.Knowing pyramid of numbers/biomass	
	Ch 18 : Organisms and their Environment 18.1	Knowing and expaling of Population,interpreting different types of graphs;age of pyramids; Identifying the lag,log and stationary phases of population	
	Ch 18 : Organisms and their Environment 18.2	Discussion and analysing limiting factors; changes in Human populations.	

	Chapter19: human influences on ecosystems	Human Influences on ecosystem (Introduction with food production)	
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Chemistry	Carboxylic Acid, Ester, Polymers	Carboxylic acid chemical properties, Esterification, Polymers and their structures, polyamide and polyesters, amino acid and proteins	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): Weekly one class and Topics Covered: Rate of reaction, Salt analysis, Electrolysis, Titration No. of unit tests/class tests done: 2
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Business Studies	Chapter 25: Environmental and ethical issues	Learners will be able to analysis 6.2.1 Environmental concerns and ethical issues as both opportunities and constraints for businesses: <ul style="list-style-type: none"> • How business activity can impact on the environment, e.g. global warming • The concept of externalities: possible external costs and external benefits of business decisions • Sustainable development; how business activity can contribute to this • How and why business might respond to environmental pressures and opportunities, e.g. pressure groups • The role of legal controls over business activity affecting the environment, e.g. pollution controls • Ethical issues a business might face: conflicts between profits and ethics • How business might react and respond to ethical issues, e.g. child labour, paying fair prices to suppliers 	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
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Add Maths	Differentiation 2 contd	Solve Miscellaneous questions based on all types of functions	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 15: Integration	Chapter 15 •Differentiation Reversed •Indefinite Integrals Integration of x^n , •exponential and Trigonometric Function •Integration of $1/x$ Definite Integration •Area under curve •Area bounded by line and curve	
Subject	Chapter	Topics Covered	Additional Information
General Maths	Chapter 24: Probability using tree Chapter 17: Managing Money, Chapter 19: Symmetry	Using tree diagrams to show outcomes, Calculating probability	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
Subject	Chapter	Topics Covered	Additional Information

Physics	Topic: Atomic Physics	<p>Demonstrate understanding of back ground radiation Describe the detection of alpha-particles, beta-particles and gamma-rays Discuss the random nature of radioactive emission Identify alpha, beta and gamma-emissions by recalling – their nature – their relative ionising effects – their relative penetrating abilities. Describe their deflection in electric fields and in magnetic fields Interpret their relative ionising effects Give and explain examples of practical applications of , alpha, beta and gamma-emissions State the meaning of radioactive decay State that during alpha- or beta decay the nucleus changes to that of a different element Use equations involving nuclide notation to represent changes in the composition of the nucleus when particles are emitted. Use the term half-life in simple calculations, which might involve information in tables or decay curves. Calculate half-life from data or decay curves from which background radiation has not been subtracted. Recall the effects of ionising radiations on living things</p> <p>Describe how radioactive materials are handled, used and stored in a safe way Describe the structure of an atom in terms of a positive nucleus and negative electrons. Describe how the scattering of α-particles by thin metal foils provides evidence for the nuclear atom. Describe the composition of the nucleus in terms of protons and neutrons</p> <p>State the charges of protons and neutrons</p> <p>Use the term proton number Z</p> <p>Use the term nucleon number A</p> <p>Use the term nuclide and use the nuclide notation Use and explain the term isotope Describe how radioactive materials are handled, used and stored in a safe way Describe the structure of an atom in terms of a positive nucleus and negative electrons. Describe how the scattering of α-particles by thin metal foils provides evidence for the nuclear atom. Describe the composition of the nucleus in terms of protons and neutrons</p>	<p>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</p>
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Bangladesh Studies	Topic 8(a),Topic 8(b),Topic 8 (c), Topic 10 (a),Topic 10 (b)	The informal sector and its importance in the Bangladesh economy Non-government organizations The role of the financial sector Health care delivery system Provision and delivery of education in Bangladesh	No. of Worksheets and Assignments completed: 1 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: 1
Subject	Chapter	Topics Covered	Additional Information
Economics	37 to 39	Free Trade and protectionism; Balance of payment and exchange rate	No. of Worksheets and Assignments completed: 1 No. of unit tests/class tests done: 2
Subject	Chapter	Topics Covered	Additional Information
	Limited company accounts-21	Students will be able to explain the advantages and disadvantages of operating as a limited company To understand the meaning of the term limited liability To understand the meaning of the term equity To understand the capital structure of a limited company comprising preference, share capital, ordinary share capital, general reserve and retained earnings To understand and distinguish between issued, called-up and paid-up share capital To understand and distinguish between share capital (preference shares and ordinary shares) and loan capital (debentures) To prepare income statements, statements of changes in equity and statements of financial position To make adjustments to financial statements	

Accounting	Calculation and understanding of accounting ratios	<p>Students will be able to understand, calculate and explain the importance of the following accounting ratios:</p> <ul style="list-style-type: none"> · Gross margin · Profit margin · Return on capital employed (ROCE) Current ratio · Liquid (acid test) ratio · Rate of inventory turnover (times) · Trade receivables turnover (days) · Trade payables turnover (days) 	<p>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): N/A and Topics Covered: No. of unit tests/class tests done: 1</p>
	Analysis and interpretation	<p>Students will be able to understand, calculate and explain the importance of the following accounting ratios:</p> <ul style="list-style-type: none"> • Gross margin • Profit margin • Return on capital employed (ROCE) • Current ratio • Liquid (acid test) ratio • Rate of inventory turnover (times) • Trade receivables turnover (days) • Trade payables turnover (days) 	
Subject	Chapter	Topics Covered	Additional Information
English	Reading Comprehension	Discussion, practice and test	<p>No. of Worksheets and Assignments completed: 3 No. of unit tests/class tests done: 2</p>
	Directed Writing	Discussion and practice of Persuasive Article and Speech.	
	Composition	Discussion on Narrative and practice.	
	Writer's Choice of Language	Short answers and Long answer questions	

Subject	Chapter	Topics Covered	Additional Information
French	Ecole, et après ? Education et formation	Révision des temps (présent, passé, futur), révision conditionnel présent le participe présent et le gérondif la voix passive au présent.	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
Subject	Chapter	Topics Covered	Additional Information
BANGLA	Paper - 1	Letter	No. of Worksheets and Assignments completed: 5 No. of Math problems / No. of Sums practices / Exercises completed: N/A No of Lab classes held (if applicable): and Topics Covered: N/A No. of unit tests/class tests done: 2
		Dialogue	
		বিসর্গ সন্ধি	
		OE Comprehension	
		Word Meaning (Comprehension)	
		Cloze Passage and meaning	
Subject	Chapter	Topics Covered	Additional Information
Environmental Management	Past Paper Practice Recent Papers 2022,2021 and 2020 solved in Class	Past Paper Practice Recent Papers 2022,2021 and 2020 solved in Class	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): and Topics Covered: No. of unit tests/class tests done: 2