LEARNING TRAILS
AJB SECONDARY

Grade: 12
Date: Week 6 – Week 6th to 10th 2023

SUBJECTS	LEARNING CONCEPTS	LEARNING OBJECTIVES	ASSIGNMENTS AND ASSESSMENT
ARABIC LANGUAGE _ ARABS **UNIT:الفصل الثاني** **LESSON: نص استماع التغلب على التوتر النفسي**	• التوتر النفسي- الشدة النفسية - الشديد بالصرعة	• أن يظهر المتعلم فهما لمواد مسموعة ويتواصل مع الآخرين مقدما المعلومات والنتائج المدعومة بالأدلة لإقناع المستمعين واستمالتهم نحو الموضوع مستخدما اللغة العربية الفصيحة • أن يحدد المتعلم المعنى المناسب للكلمات متعددة المعاني مستخدما السياق	• الاستماع للنص المعلوماتي • حل ص98-99 • الواجب حل التمرينات المطلوبة في منصة ألف
ARABIC LANGUAGE_ GENERAL HG **UNIT: 2** **LESSON: قصيدة أنا ابتكر**	• ابتكر • أغتنم • يشرق • النفع • لمعت	• يبحث ويستكشف من الشبكة العنكبوتية • يتحدث بطلاقة عن موضوع الدرس • يستمع ويفهم المعنى ويجيب عن الأسئلة •	• العروض التقديمية • الأنشطة • أوراق العمل • الكتاب المدرسي • https://www.liveworksheets.com/op1950081zz •
ISLAMIC STUDIES_ ARABS **UNIT:3** **LESSON: الخدمة الوطنية واجب شرعي ومطلب وطني**	• المفهوم العام • المفهوم الخاص • طاعة ولي الأمر • ارتباط الإنسان بوطنه	• أن يستنتج أن حب الوطن غريزة فطرية لدى الانسان • أن يوضح مفهوم الخدمة الوطنية • أن يبين أهمية الخدمة الوطنية للفرد والمجتمع	• مراجعة البوريوينت • أوراق العمل • الإجابة على أنشطة الطالب

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ISLAMIC STUDIES – ENGLISH **UNIT: 4** **LESSON: creative thinking in Islam**	• Explain the creativity of Islam • Explain the meaning of the Quran • Explain the	• Acquisition (, • Watch, Learn) • Learning from Practice • Learning from discussion • Learning from real life connection/ subject integration/ • MEP integration • Power point video embedded • Live Teaching • Task sheets for practice • Discussion tool	• Online quiz • Discussion • Daily life • PPT • Video • Textbook
MATHEMATICS **UNIT: Sampling & Estimation.** **LESSON:**	• Mean, Standard Deviation, Confidence interval.	• To be able to find the mean & standard deviation for unbiased estimator, • To be able to find the confidence interval & width of the confidence interval.	• Sample questions, Past paper questions.
PHYSICS **UNIT:** **LESSON: Medical physics and Astronomy**	• PET Scan • Stellar candle • Stellar radii • Hubble's law • Big bang theory	• Reciprocal teaching – Should be able to describe working principle of PET SCAN, explain Hubble's law and Big Bang theory.	• Sample questions and topical past paper questions
CHEMISTRY **UNIT: 34.4** **LESSON: Amino acids**	• 1- Structure • 2-properties • 3-protiens	• Describe the acid / base properties of amino acids and the formation of zwitterions, to include the isoelectric point • Describe the formation of amide (peptide) bonds between amino acids to give di- and tripeptides • Interpret and predict the results of electrophoresis	• Sample questions and topical past paper questions

		on mixtures of amino acids and dipeptides at varying pHs	
BIOLOGY **UNIT: 18.2** **LESSON:Biodiversity**	• Ecosystem • Niche • Random sampling • Assess distribution and abundance of species • Spearman's rank ,Pearson's linear correlation, Simpson's index of diversity	• Define the terms: - ecosystem & niche • Explain how Biodiversity assessed • Explain importance of random sampling • Describe suitable methods to assess distribution and abundance of species • Use spearman's rank & Pearson's linear correlation analyse the relationship between two variables	• Topical questions • Activity sheet to calculate /assess correlation • Solve questions based on statistics • Field study /sampling • Assessment /mini quiz and feed back
INFORMATION TECHNOLOGY (IT) **UNIT: 15** **LESSON:** Project management	• Project management software. • Tools and techniques for project management tasks	• Explain the features of a project management software including supporting planning, scheduling of tasks, allocation of resources, costings, communication, and collaborative working and decisions. • Discuss Strengths and weaknesses of project management software for supporting projects. • create a Gantt chart	• Case study. • Past paper questions. • Problem solving

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ECONOMICS **UNIT:** **LESSON:**	• Money and banking	• Analyzing the loanable funds theory	• Progressive test • Solving case studies • Mcq questions
ACCOUNTING **UNIT: Cost Accounting** **LESSON: ABC Costing**	• Application of ABC Costing	• Analyse the he application of activity-based costing (ABC) • the uses and limitations of ABC • what is meant by a cost driver • how to use ABC to: – identify the appropriate cost driver – apportion and allocate overheads – calculate the total cost and selling price of a unit	• Videos • Topical question sheets • Assessment and feedback
BUSINESS STUDIES **UNIT: 5** **LESSON:35**	• Investment appraisal	• To: • explain what investment means and the need for appraising investment projects • analyse the meaning, calculation and interpretation of the payback method of investment appraisal • analyse the meaning, calculation and interpretation of the accounting rate of return (ARR) method of investment appraisal	• Progressive test • Solving data response questions