LEARNING TRAILS
AJB SECONDARY

Grade: 11
Date: Week 8 - 20th to 24th February 2023

SUBJECTS	LESSONS AND CONCEPTS	LEARNING OBJECTIVES	ASSIGNMENTS AND ASSESMENTS
ARABIC LANGUAGE _ ARABS **UNIT: 2** **LESSON:** التشبيه الضمني	• التشبيه • التشبيه البليغ • التشبيه الضمني	• أن يتعرف التشبيه الضمني • أن يميز التشبيه الضمني من التشبيه التمثيلي • أن يوظف التشبيه الضمني في جمل من إنشائه	• بوربوينت • الكتاب المدرسي • أنشطة تعليمية • حل التدريب على الدرس من خلال منصة ألف • https://quizizz.com/admin/quiz/5c7e31bb0b9b56001a0a1449/-
ARABIC LANGUAGE_ GENERAL HG **UNIT: 2** **LESSON:** مواصلة الدرس ابن بطوطة	• مذكراته • القرن • غرائب • الأسفار • عجائب	• يبحث ويستكشف من المصادر • يتعرف فوائد السفر • يتحدث عن الدرس بطلاقة	• العرض التقديمي • الأنشطة • أوراق العمل • الكتاب المدرسي • https://www.liveworksheets.com/py1363742xy
ISLAMIC STUDIES_ ARABS **UNIT: 4** **LESSON:** المتواتر والآحاد	• السنة • المتواتر • الآحاد • الحديث المشهور • الحديث العزيز • الحديث الغريب	• أن يفرق بين الحيث المتواتر والحديث الآحاد • يستنبط شروط الحديث المتواتر • يميز بين أنواع الحديث الآحاد	• الحوار والمناقشة • المراجعة • طرح الأسئلة • الاستماع والتحدث • التلاوة • فيديو • البوريبوينت • حل الأنشطة على منصة ألف

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ISLAMIC STUDIES – ENGLISH **UNIT: 4** **LESSON: surah Al ahzab**	• Explain the verses while observing the rules of recitation • Explain the meaning of the Quranic verses • Events of the surah •	• ✓ 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:
 	
LESSON: The Normal Distribution
	• Normal Distribution	• understand the use of a normal distribution to model a continuous random variable, and use normal distribution tables
		• solve problems concerning a variable X, where $X \sim N\ (\mu, \sigma^2)$, including
		  − finding the value of $P(X > x_1)$ or a related probability, given the values of x_1, μ, and σ
		  − Finding a relationship between x_1, μ, and σ given the value of $P(X > x_1)$ or a related probability
		• recall conditions under which the normal distribution can be used as an approximation to the
			• Textbook exercises
			• Past Paper questions

		binomial distribution, and use this approximation, with a continuity correction, in solving problems.	
PHYSICS **UNIT: particle physics** **LESSON: Fundamental particles**	• Quarks and their charge • Hadrons, baryons, leptons • Electron volt • Conservation of energy • Nuclear force and weak force	• Difference between hadrons and leptons • Properties of hadrons and leptons • Explain beta – amd beta + decay in terms of quark flavour	• Topical qns • Practice sheet •
CHEMISTRY **UNIT: Organic Chemistry** **LESSON:** Halogenoalkanes	• Substitution Reactions • Electrophilic addition of Alkenes with Bromine • Making of Halogeno Alkanes with Alcohol	• The free-radical substitution of alkanes by Cl 2 or Br2 • Electrophilic addition of an alkene with a halogen • Substitution of an alcohol	• Topical Papers • Past Papers • Textual Papers.
BIOLOGY **UNIT: 9 & 10** **LESSON: Gas Exchange& Infectious diseases**	• 9.1 The gas exchange system • 10.1 Infectious diseases	• describe the distribution in the gas exchange system of cartilage, ciliated epithelium, goblet cells, squamous epithelium of alveoli, smooth muscle and capillaries	• Solve past paper questions • Online quiz • Class test
INFORMATION TECHNOLOGY (IT) **UNIT: 8**	• Create macros	• Create and record macros to repeat and automate common operations • Add controls to customise the user interface	• Practical tasks • Past paper questions

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LESSON: Automate operations with a spreadsheet			
ECONOMICS **UNIT:** **LESSON:**	• Exchange rates	• Analyzing floating and fixed exchange rates	• Progressives test • Solving answers
ACCOUNTING **UNIT:** Revision **LESSON: Structured questions**	• Depreciation • Accounts of Limited Companies	• To analyse the data and formulate financial statements in line with accounting standards • To ensure students follow the prescribed format in preparation of financial statement	• Topical structured question sheets • Assessment and feedback
BUSINESS S **UNIT: 5** **LESSON:32**		• To • understand why financial planning is important • analyse the benefits of setting budgets • examine the importance of types of budgeting: incremental, zero and flexible • analyse the potential limitations of budgeting • • use variance analysis to assess adverse and favourable variances from budgets.	• Progressive tests • Solving case studies • Solving data response questions.

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