AJB SECONDARY LEARNING TRAILS

Grade: 11
Date: Week 6 – 7th to 11th Feb 2022

SUBJECTS	LESSONS AND CONCEPTS	LEARNING OBJECTIVES	ASSIGNMENTS AND ASSESSMENT
ARABIC LANGUAGE _ ARABS **UNIT: 2** **LESSON: سيرة ذاتية - دارنا الدمشقية**	○ يكفكف ○ زر الفل ○ زقاق ○ تسكع ○ مكتظة	• يتتبع الأثر الذي يتركه أسلوب الكاتب واستخدامه لبعض التقنيات البلاغية • يتعرف المتعلم خصائص النص الوصفي	• بوربوينت • حل أسئلة الكتاب • أوراق العمل • نشاط إلكتروني
ARABIC LANGUAGE_ GENERAL HG **UNIT:3** **LESSON: الجملة الإسمية والجملة الفعلية**	• الولد يكتب الدرس • يكتب الولد الدرس	• يتعرف على الجملة الإسمية والجملة الفعلية • يعرف الفرق بينهما • يحول الجملة الإسمية إلى فعلية والعكس	• العروض التقديمية • الأنشطة • أوراق العمل • الكتاب المدرسي
ISLAMIC STUDIES_ ARABS **UNIT: 4** **LESSON: وصايا وتوجيهات أخلاقية**	• تلاوة الآيات • تفسير الآيات • استخراج أحكام التجويد • وزينتها • أمتعكن • أسرحكن	• أن يستمع للآيات الكريمة مراعيا أحكام التجويد • أن يفسر مفردات الآيات الكريمة • أن يستنتج التوجيهات والمبادئ الأخلاقية	• حفظ الآيات الكريمة • حفظ معانى الكلمات الجديدة • مراجعة البوربوينت • حل ورقة عمل التغذية

ISLAMIC STUDIES – ENGLISH **UNIT: Rolling on Marriage** **LESSON:**	• Describe the meaning of the Quranic verses • Explain types of marriage • Explain in detail about the rights of spouses	• 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	• Online quiz • Discussion • PPT • Audiovisual • Group work • Assignment •
MATHEMATICS **Pure Math** **UNIT: 10** **LESSON: Integration**	Students shall be able to: • evaluate definite integrals Including simple cases such as $\int_0^1 x^{-\frac{1}{2}} dx$ • use definite integration to find the area of a region bounded by a curve and lines parallel to the axes, or between a curve and a line or between two	• Learning from Practice • Learning from discussion • Learning from real life connection/subject integration	•Past Paper question •Textbook questions

Statistics **UNIT: 9** **The Normal Distribution**	curves • Be able to understand the use of a normal distribution to model a continuous random variable • Finding the probabilities using normal distribution.	• Learning from Practice • Learning from discussion • Learning from real life connection	• Past Paper question •Textbook questions •PPT
PHYSICS **UNIT: Electricity** **LESSON:** **Kirchoff's laws, Internal resistance**	• Kirchoff's law • Internal resistance • Terminal p.d • Ohm's law	• recall Kirchhoff's first law and understand that it is a consequence of conservation of charge derive, using Kirchhoff's laws, a formula for the combined resistance of two or more resistors in series • use the formula for the combined resistance of two or more resistors in series 5 derive, using Kirchhoff's laws, a formula for the combined resistance of two or more resistors in parallel	• Learning from real life connection • Discussion in live Teams • Practice sheet • Simulation

		and series. • use Kirchhoff's laws to solve simple circuit problem	
CHEMISTRY **UNIT: Organic chemistry** **LESSON: Halogenoalkanes and Hydroxy compounds**	• Structural formulae and reactions of halogenoalkanes and alcohols • Classification of alcohols and halogenoalkanes as primary, secondary and tertiary • Characteristic reactions of halogenoalkanes and alcohols, with mechanisms	• Draw the structure and name the halogenoalkanes and alcohols (carbons 1 – 4) • Identify the type of reactions that occur in halogenoalkanes and alcohols. • Write equations for the reactions of alcohols and halogenoalkanes • Identify the product of a reaction given the starting material and reagents	• Past paper practice 2016 – 2019
BIOLOGY **UNIT:** **LESSON: Transport in Mammals**	• Role of RBC • Chloride shift • Role of Plasma • Role of Oxygen dissociation curve	• Describe the role of RBC in transporting oxygen and carbondioxide • Explain the importance of chloride shift • Describe and explain oxygen dissociation curve of adult haemoglobin	• Solving topical questions • Assignments • Class test • Plot graph -oxygen dissociation curve

		• Describe the role of plasm in transporting carbondioxide	
INFORMATION TECHNOLOGY (IT) **UNIT: Algorithms and flowcharts** **LESSON: Algorithm**	• Edit a given algorithm. • Write an algorithm using pseudocode to solve a given problem.	• write a basic algorithm that demonstrates a decision making process Including: • Conditional branching. • Looping. • Nested loops. • Procedures/ subroutines. • INPUT/READ • WRITE/PRINT • IF...ELSE...ENDIF • WHILE... ENDWHILE • REPEAT...UNTIL • CASE...ENDCASE • Comparison operators >, <, = • Arithmetic operators +, -, *, /	• Problem solving. • Activities. • Past paper questions
ECONOMICS **UNIT:** **LESSON:**	• Exchange rates	• Description and analysis of the types of exchange rates and the impact of the flactuations	• MS teams live discussion • MS teams recorded session. • Case studies • Data response questions

ACCOUNTING **UNIT: Cost Accounting** **LESSON: Absorption Costing**	• Over -Under absorption of overheads	• To calculate under over absorption of overheads	• Structured topical questions • Formula sheet
BUSINESS STUDIES **UNIT: 4** **LESSON:30**	• Accounting fundamentals	• To analyse business accounts by using ratio analysis liquidity and profit margin ratios	• MS Teams lives discussion • Case studies • Data response questions