LEARNING TRAILS
AJB SECONDARY

Grade: 11
Date: Week 2 – 5nd to 9th September 2022

SUBJECTS	LESSONS AND CONCEPTS	LEARNING OBJECTIVES	ASSIGNMENTS AND ASSESSMENT
ARABIC LANGUAGE _ ARABS **UNIT: 1** **LESSON: أنواع النصوص**	وصفية إقناعية وظيفية إرشادية	أن يتعرف تصنيفات النصوص القرئية المختلفة أن يميز النصوص وفقا لأنواعها وأغراضها وتنسيقها وقالبها أن يحول بعض النصوص من تصتيف إلى تصنيف آخر ينشئ نصوصاجديدة مستثمرا معرفته بأنواع النصوص وأغراضها	أوراق عمل بوربوينت أنشطة تعليمية
ARABIC LANGUAGE_ GENERAL HG **UNIT: الوحدة الرابعة** **LESSON : إعادة التدوير**	الطاقة المتجددة إعادة التدوير الطاقة النظيفة الحياة البحرية قاع المحيطات	أن يقرأ قراءة صحيحة خالية من الأخطاء أن يتعرف على المفردات الجديدة أن يبحث ويستكشف من المصادر	العروض التقديمية الأنشطة أوراق العمل
ISLAMIC STUDIES_ ARABS **UNIT: 1** **LESSON: سورة الأحزابِ**	تلاوة الآيات تفسير الآيات استخراج أحكام التجويد الظهار	أن يتلو الطالب الآيات الكريمة تلاوة صحيحة مجودة ويفسر الآيات تفسيرا إجماليا مع معانيها ويستنتج بعض دلالات الآيات واوضح المواقف الواردة	حفظ الآيات الكريمة حفظ معانى الكلمات الجديدة مراجعة البوربوينت حل ورقة عمل التغذية
ISLAMIC STUDIES – ENGLISH **UNIT: One** **LESSON: Surah Al Ahzab**	• Explain the verses while observing the rules of recitation • Explain the meaning of the Quranic verses	• Acquisition (Read, Watch, Learn) • Learning from Practice • Learning from discussion • Learning from real life connection/ subject integration/ • MEP integration • Power point video embedded • Live Teaching	•Online quiz •Discussion •Daily life •PPT •Video

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		• Task sheets for practice • Discussion tool	
MATHEMATICS **UNIT: 1** **LESSON: QUADRATICS**	• Solving Quadratic equation by Factoring • Quadratic Inequalities • Completing the square and Formula methods • More complex quadratic Equation • Discriminant of a quadratic equation • Solving Simultaneous Equations • Graphs of quadratic equations	At the end of the class, the students should be able to: • Recall solving quadratic equations by factorisation • Solve quadratic inequalities • Carry out the process of completing the square for a quadratic polynomial and use a completed square form. • Recall solving quadratic equations using the formula • Solve more complex quadratic equations • Find the discriminant of a quadratic polynomial and use the discriminant to determine the nature of the roots of the quadratic equation • solve by substitution a pair of simultaneous equations of which one is linear and one is quadratic • Sketch Graphs of quadratic functions • Solve past paper questions on Quadratics	• Textbook Questions • Past Paper Questions • Daily 5 questions • Weekly test
PHYSICS **UNIT: Physical Quantities and units** **LESSON :**	• Check the homogeneity of the equations • Use the following prefixes and their symbols	• Do qns to check the homogeneity of the equation • Solve qns to indicate decimal submultiplies or multiples of both base and derived units	• Practice sheet • Past paper Qns • Quiz

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CHEMISTRY **UNIT: 1** **LESSON : Atomic Structure**	• Electrons, energy levels and atomic orbitals • Atomic Radius and Ionic Radius • Ionisation Energy	• state and explain qualitatively the variations in atomic radius and ionic radius across a period and down a group • Understand the terms: A) shells, sub-shells and orbitals B) Principal quantum NO C) Ground state	• Textual Questions • Past Paper • Topical based Questions
BIOLOGY **UNIT: 1** **LESSON: Cell Structure**	• The microscope in cell studies • Make temporary preparations of cellular material suitable for viewing with a light microscope	• Draw cells from microscope slides and photomicrograph • Define resolution and magnification and explain the differences between these terms, with reference to light microscopy and electron microscopy	• Oral Quiz • Task sheets • Peer Quiz • Solve Past paper questions
INFORMATION TECHNOLOGY (IT) **UNIT: 1 & 10** **LESSON:** Data processing and information	• Data and information. Direct and indirect data. • Database and file concepts • Know and understand the three relationships, one-to-one, one-to-many and many-to-many. • Create a relational database.	• Differentiate between data and information • Sources of direct data including questionnaires, interviews, data logging. • Sources of indirect data including Electoral Register, businesses collecting personal information when used by third parties • Create relational database.	• Assignment. • Lab activity. • Past paper questions.

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ECONOMICS **UNIT:** **LESSON:**	• Basic economic ideas and resource allocation	• Understanding the basic economic problem, and the production possibility curve	• Case studies • Videos • Work sheets
ACCOUNTING **UNIT: Verification** **LESSON: Control accounts**	• Control accounts	• To amend control account • To reconcile sales ledger balances with amended control account balance.	• Formats • Structured questions • Assessment and feedback
BUSINESS STUDIES **UNIT: 1** **LESSON : 1.1**	• The nature of business activity	• To analyze the nature of business activity	• Case studies • Short answer questions