

LEARNING TRAILS

AJB SECONDARY

Grade: 12

Date: Week 2 – 5th to 9th September 2022

SUBJECTS	LESSONS AND CONCEPTS	LEARNING OBJECTIVES	ASSIGNMENTS AND ASSESSMENT
<p>ARABIC LANGUAGE _ ARABS</p> <p>UNIT: الوحدة الأولى:</p> <p>LESSON: أنواع النصوص</p>	<ul style="list-style-type: none"> النص السريدي النص الوصفي النص المعلوماتي / الإخباري النص الإقناعي النص الإرشادي النص الوظيفي 	<ul style="list-style-type: none"> أن يتعرف المتعلم أنواع النصوص القرائية المختلفة أن يميز المتعلم النصوص وفقا لخصائصها وأغراضها أن يحول المتعلم بعض النصوص من صيغها إلى صيغ أخرى أن ينشئ المتعلم نصوصا جديدة مستثمرا معرفته بأنواع النصوص وأغراضها 	<ul style="list-style-type: none"> العرض التقديمي المناقشة والحوار ورقة عمل
<p>ARABIC LANGUAGE _ GENERAL HG</p> <p>UNIT: الوحدة الأولى:</p> <p>LESSON : خليفة سات</p>	<ul style="list-style-type: none"> القمر الصناعي الغرف النظيفة المركز الفضائي التطوير الفضاء الخارجي 	<ul style="list-style-type: none"> أن يقرأ قراءة صحيحة خالية من الأخطاء أن يتعرف على المفردات الجديدة يستخرج الفكرة الرئيسة ومغزى الدرس أن يبحث ويستكشف من المصادر 	<ul style="list-style-type: none"> العروض التقديمية الأنشطة أوراق العمل
<p>ISLAMIC STUDIES _ ARABS</p> <p>UNIT:</p> <p>LESSON:</p>	<ul style="list-style-type: none"> تفسير الآيات أحكام التجويد اللعان القذف الزنا 	<ul style="list-style-type: none"> أن يتلو الطالب الآيات الكريمة تلاوة صحيحة مجودة ويفسر الآيات تفسيراً إجمالياً مع معانيها ويستنتج بعض دلالات الآيات وأوضح المواقف الواردة 	<ul style="list-style-type: none"> حفظ الآيات الكريمة حفظ معاني الكلمات الجديدة مراجعة البوربوينت حل ورقة عمل التغذية
<p>ISLAMIC STUDIES – ENGLISH</p> <p>UNIT: One</p> <p>LESSON: Surah Noor</p>	<ul style="list-style-type: none"> Explain the verses while observing the rules of recitation Explain the meaning of the Quranic verses Explain the effect of adultery in society 	<ul style="list-style-type: none"> 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 Task sheets for practice Discussion tool 	<ul style="list-style-type: none"> Online quiz Discussion Daily life PPT Video

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<p>MATHEMATICS</p> <p>UNIT: Algebra</p> <p>LESSON: polynomials & Binomial expansion</p>	<ul style="list-style-type: none"> To be able to find the factor and remainder using Factor and Remainder Theorem. 	<ul style="list-style-type: none"> Learning by discussion and solving and by Analyzing. 	<ul style="list-style-type: none"> Topical questions. Baseline Test.
<p>PHYSICS</p> <p>UNIT: Gravitational Field</p> <p>LESSON :</p>	<ul style="list-style-type: none"> Gravitational Force Gravitational field Gravitational potential 	<ul style="list-style-type: none"> Should be able to state and apply Newton's law of gravitation. Solve problems related to field, force and potential. 	<ul style="list-style-type: none"> Sample questions Baseline Exam.
<p>CHEMISTRY</p> <p>UNIT: 23</p> <p>LESSON Chemical energetics</p>	<p>23.2 Enthalpies of solution and hydration</p>	<ul style="list-style-type: none"> Carry out calculations involving Born–Haber cycles Explain, in qualitative terms, the effect of ionic charge and of ionic radius on the numerical magnitude of a lattice energy Define and use the term enthalpy change with reference to hydration, ΔH_{hyd}, and solution, ΔH_{sol} Construct and use an energy cycle involving enthalpy change of solution, lattice energy and enthalpy change of hydration 	<ul style="list-style-type: none"> Topical questions Base line test
<p>BIOLOGY</p> <p>UNIT: 12</p> <p>LESSON: Energy and Respiration</p>	<ul style="list-style-type: none"> Oxydative Phosphorylation Chemiosmosis Structure of ATP synthase Role of CoA ,FAD and NAD 	<ul style="list-style-type: none"> Explain Oxidative Phosphorylation State that ATP is synthesized in the Membrane of mitochondria explain the process with a neat labelled diagram 	<ul style="list-style-type: none"> Solve the Past paper questions (2) Draw Krebs cycle and Oxidative phosphorylation

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	<ul style="list-style-type: none"> Lactate fermentation and Ethanol fermentation 	<ul style="list-style-type: none"> Explain Oxidative Phosphorylation Discuss the role of NAD and FAD Discuss and explain Anaerobic respiration 	<ul style="list-style-type: none"> Revise for baseline test Class test
<p>INFORMATION TECHNOLOGY (IT)</p> <p>UNIT: 17</p> <p>LESSON: Mail merge</p>	<ul style="list-style-type: none"> Identifying and using correct field names, using conditional operators, embedding a chart/table, update links. Create appropriate prompts to the user for manual completion, FILL IN, ASK. 	<ul style="list-style-type: none"> Use/create/edit a source data using appropriate software. Create a master document structure Link a master document to a source file. Specify rules <ol style="list-style-type: none"> for selecting recipients for managing document content. 	<ul style="list-style-type: none"> Activity sheet. Assignment. Past paper discussion.
<p>ECONOMICS</p> <p>UNIT:</p> <p>LESSON:</p>	<ul style="list-style-type: none"> The price system and the microeconomy 	<ul style="list-style-type: none"> Understanding the consumer behavior theory and the law of diminishing marginal utility 	<ul style="list-style-type: none"> Videos Structured questions Case studies
<p>ACCOUNTING</p> <p>UNIT: Cost and management accounting</p> <p>LESSON: Budget</p>	<ul style="list-style-type: none"> Cash budget 	<ul style="list-style-type: none"> To formulate a cash budget incorporating relevant adjustments of payment terms to suppliers and receipts from customers. 	<ul style="list-style-type: none"> Formats Structured questions Assessment and feedback
<p>BUSINESS STUDIES</p> <p>UNIT: 6</p> <p>LESSON : 6.1</p>	<ul style="list-style-type: none"> External influences on business activity Political and legal constraints 	<ul style="list-style-type: none"> To analyze how political and legal constraints impact business activity 	<ul style="list-style-type: none"> Case studies Data Response questions Class tests