

LEARNING TRAILS

Grade: 12

Date: Week 5 – 26th to 30th September 2021

SUBJECTS	LESSONS AND CONCEPTS	LEARNING OBJECTIVES	ASSIGNMENTS AND ASSESSMENT
ARABIC LANGUAGE _ ARABS UNIT: LESSON:	<ul style="list-style-type: none"> قصيدة شعرية أرق على أرق 	<ul style="list-style-type: none"> يبين المعنى الإجمالي ويفسر المفردات يكتب الأغراض الشعرية المناسبة لكل مجموعة من أبيات النص يحدد من البيات ما يتوافق مع المعاني القرآنية والأبيات الشعرية 	<ul style="list-style-type: none"> يحفظ عشرة أبيات من القصيدة يجيب عن أسئلة الكتاب المدرسي
ARABIC LANGUAGE_ GENERAL HG UNIT: 1 LESSON 2	<ul style="list-style-type: none"> مواصلة درس الوطن التو نسمة عليلة الأذكي شحيح 	<ul style="list-style-type: none"> ستمع ويفهم المعنى الكلي لنصوص معقدة في موضوعات وصفية وفكرية ينتج حديثاً متصلاً باستخدام تنعيم وإيقاع صحيحين يتفاعل بسهولة ومهارة في مجموعة من السياقات يكتب ويحافظ على الدقة في التراكيب اللغوية عند الكتابة 	<ul style="list-style-type: none"> العروض التقليدية أوراق العمل الأنشطة يكتب المتعلم عن طبيعة المناخ في دولة الإمارات العربية المتحدة تصويب الأخطاء المتابعة المستمرة التشجيع والتحفيز
ISLAMIC STUDIES_ ARABS UNIT:1 LESSON : مناهج المفسرين	<ul style="list-style-type: none"> معنى المنهج معنى التفسير العقل النقل الأثر 	<ul style="list-style-type: none"> أن يوضح المقصود بمناهج المفسرين أن يميز بين مناهج المفسرين أن يحدد التفسير المناسب حسب موضوع البحث 	<ul style="list-style-type: none"> مراجعة البوربوينت حل ورقة عمل التغذية نشاط إلكتروني

<p>ISLAMIC STUDIES – ENGLISH</p> <p>UNIT: One</p> <p>LESSON: Extremism</p>	<ul style="list-style-type: none"> • Explain what is the meaning of extremism • Deduce the wisdom behind prohibiting and outlawing extremism • Explain the consequences of extremism 	<ul style="list-style-type: none"> • 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 	<ul style="list-style-type: none"> • Online & Direct quiz • Video • Power Point Presentations • Discussion • Daily Life Situation • Textbook Exercises
<p>MATHEMATICS</p> <p>UNIT: Logarithmic functions.</p> <p>LESSON:</p>	<ul style="list-style-type: none"> • To be able to solve Exponential function using logarithmic functions. 	<ul style="list-style-type: none"> • Learning by discussion. 	<ul style="list-style-type: none"> • Topical questions from past paper & Level based questions to be solved .
<p>PHYSICS</p> <p>UNIT: Ideal Gas</p> <p>LESSON : Ideal gas</p>	<ul style="list-style-type: none"> • Ideal gas equation • Internal Energy and First law of thermodynamics [FLOTD] 	<ul style="list-style-type: none"> • Should be able to 1. Define and apply ideal gas equation 2. Relate kelvin temperature and avg KE 3. State and apply FLOTD 	<ul style="list-style-type: none"> • Topical Past paper • Sample questions
<p>CHEMISTRY</p> <p>UNIT: 24</p> <p>LESSON: Electrochemistry</p>	<ul style="list-style-type: none"> • Using Nernst equation to calculate the potential of a non-standard cell • Relationship between cell potential and gibb's free energy 	<ul style="list-style-type: none"> • State the Nernst equation and describe the terms in the equation. • Use the equation to calculate the potential of a given non-standard cell • State the relationship between gibb's free energy and cell potential and use the idea of spontaneity of a chemical reaction. • Calculate the gibb's free energy for a given cell and vice-versa 	<ul style="list-style-type: none"> • Topical past papers • Text book questions for the updated syllabus.

<p>BIOLOGY</p> <p>UNIT: Photosynthesis</p> <p>LESSON : Photosynthesis</p>	<ul style="list-style-type: none"> Adaptation of C3 and C4 plants Action spectrum and absorption spectrum Use of Chromatography Role of chloroplast 	<ul style="list-style-type: none"> describe the role of chloroplast pigments (chlorophyll a, chlorophyll b, carotene and xanthophylls) in light absorption in the grana - interpret absorption and action spectra of chloroplast pigment - use chromatography to separate and identify chloroplast pigments and carry out an investigation to compare the chloroplast pigments in different plants (reference should be made to Rf values in identification) Adaptation of C3 and C4 plants 	<ul style="list-style-type: none"> Topical papers Quizzes Video Worksheets Assignments
<p>INFORMATION TECHNOLOGY (IT)</p> <p>UNIT: 16 & 18</p> <p>LESSON: System life cycle.</p> <p>Graphics creation</p>	<p>Development and testing:</p> <ul style="list-style-type: none"> Test plans Test data Alpha and beta testing White box and black box testing 	<ul style="list-style-type: none"> Describe need for testing and the purpose of a test plan, contents of a test plan List the differences between alpha and beta testing Differentiate between white box testing and black box testing Differentiate between vector graphics and bitmap graphics 	<p>Case studies</p> <p>Assignment</p> <p>Solve past paper questions</p>
<p>ECONOMICS</p> <p>UNIT:</p> <p>LESSON:</p>	<ul style="list-style-type: none"> TPES OF COST, REVENUE AND PROFIT 	<ul style="list-style-type: none"> 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"> PPT Formats Videos Structured questions



<p>ACCOUNTING</p> <p>UNIT: Financial statements</p> <p>LESSON: Non profit organisations</p>	<p>To formulate financial statements of clubs</p>	<p>Learning from practise</p> <p>Learning through discussion</p> <p>Learning through intergration from real life</p> <p>Peer teaching</p>	<p>PPT</p> <p>Formats</p> <p>Videos</p> <p>Structured questions</p>
<p>BUSINESS STUDIES</p> <p>UNIT: 1</p> <p>LESSON : 9</p>	<ul style="list-style-type: none"> External influences on business behaviors 	<ul style="list-style-type: none"> To evaluate the impact of economic objectives on business activity 	<p>Power Point</p> <p>Analysis and evaluation at Break out rooms</p> <p>Session recorded and shared with learners</p> <p>Feedback</p> <p>Revision sheets</p> <p>Assignment</p>