

LEARNING TRAILS

Grade: 11

Date: Week 4 – 19th to 23rd September 2021

SUBJECTS	LESSONS AND CONCEPTS	LEARNING OBJECTIVES	ASSIGNMENTS AND ASSESSMENT
<p>ARABIC LANGUAGE _ ARABS</p> <p>UNIT: 1</p> <p>LESSON قصيدة مالك بن الربيع التميمي</p>	<ul style="list-style-type: none"> أبيتن - أزجي خطا - استل الغضى - النواجيا بواكيا - قياديا 	<ul style="list-style-type: none"> يبين المعنى الإجمالي للنص الشعري موضحا علاقة الفكر بعضها ببعض مفسرا مفرداتها من خلال السياق والقرائن يحلل النص في سياقه التاريخي والاجتماعي والسياسي مستخلصا السمات الفنية له يفسر كلمات النص مستخدما المعجم الورقي والرقمي ويوظفها في جمل من إنشائه 	<ul style="list-style-type: none"> إجابة اسئلة عرض تقديمي أوراق العمل حل أسئلة الكتاب اختبار إلكتروني
<p>ARABIC LANGUAGE_ GENERAL HG</p> <p>UNIT: 4</p> <p>LESSON 2</p>	<ul style="list-style-type: none"> درس التغير المناخي الإحتباس الحراري- الغلاف الجوي- الثروة السمكية 	<ul style="list-style-type: none"> ستمع ويفهم المعنى الكلي لنصوص معقدة في موضوعات وصفية وفكرية ينتج حديثا متصلا 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 التقديمية أوراق العمل الأنشطة يكتب المتعلم عن طبيعة المناخ في دولة الإمارات العربية المتحدة يتحدث عن نفسه وهوأياته وماذا يريد أن يصبح في المستقبل
<p>ISLAMIC STUDIES_ ARABS</p> <p>UNIT:1</p> <p>LESSON : الإستعفاف</p>	<ul style="list-style-type: none"> مجالات الإستعفاف اثره على لفرد والمجتمع 	<ul style="list-style-type: none"> أن يبين المقصود بالاستعفاف . أن يبين أثر الاستعفاف على الفرد . والمجتمع . أن يوضح مجالات الاستعفاف . 	<ul style="list-style-type: none"> مراجعة البوربينت أوراق العمل نشاط إلكتروني الإجابة على أنشطة الطالب
<p>ISLAMIC STUDIES – ENGLISH</p>	<ul style="list-style-type: none"> Explain the meaning of Istifaf Explain the domain of Istifaf Describe the effect of Istifaf on both 	<ul style="list-style-type: none"> Acquisition (Watch, Learn) Learning from Practice Learning from discussion Learning from real life connection/ subject 	<ul style="list-style-type: none"> Text book, Notebooks Teams PPT's Online & Direct quiz

<p>UNIT: One</p> <p>LESSON: Istifaf</p>	<p>individual and Society</p>	<p>integration/</p> <ul style="list-style-type: none"> • MEP integration • Power point video embedded • Live Teaching • Task sheets for practice • Discussion tool 	<ul style="list-style-type: none"> • Textbook questions. •
<p>MATHEMATIC S</p> <p>UNIT: Functions</p> <p>LESSON:</p>	<p>understand the terms function, domain, range, one-one function, inverse function and composition of functions</p> <p>identify the range of a given function in simple cases, and find the composition of two given functions</p> <p>determine whether or not a given function is one-one, and find the inverse of a one-one function in simple cases</p> <p>illustrate in graphical terms the relation between a one-one function and its inverse</p>	<ul style="list-style-type: none"> • Learning from Practice • Learning from discussion • Learning from real life connection • Power point presentation • Live Teaching 	<ul style="list-style-type: none"> • Textual exercises • Question Bank • Weekly test
<p>PHYSICS</p> <p>UNIT:</p> <p>LESSON :</p>	<ul style="list-style-type: none"> • To derive equation of motion using motion graph. • Motion in 2 dimensions • Equations for projectile motion. 	<ul style="list-style-type: none"> • Apply equations of motion to calculate various parameters describing motion. • Apply equations of motion and vector resolution to solve problems based on 2-D motion. 	<ul style="list-style-type: none"> • PPT • QUIZ • Past paper questions
<p>CHEMISTRY</p> <p>UNIT: 2</p> <p>LESSON</p> <p>Atoms, molecules and stoichiometry</p>	<p>2.1 Relative masses of atoms and molecules</p> <p>2.2 The mole and the Avogadro constant</p>	<ul style="list-style-type: none"> • 1 define the unified atomic mass unit as one twelfth of the mass of a carbon-12 atom • 2 define relative atomic mass, A_r, relative isotopic mass, relative molecular mass, M_r, and relative formula mass in terms of the unified atomic mass unit • define and use the term mole in terms of the Avogadro constant 	<ul style="list-style-type: none"> • Quiz • Solving topic related questions

<p>BIOLOGY</p> <p>UNIT:</p> <p>LESSON : Biological Molecules</p>	<ul style="list-style-type: none"> • synthesis of polymers from monomers • Condensation and hydrolysis reactions • structure and function of specific bio molecules 	<ul style="list-style-type: none"> • Describe how large molecules are made from small molecules • Describe the structure and function of carbohydrates ,lipids and proteins 	<ul style="list-style-type: none"> • Quiz • Solving topic related questions • Drawing structures of Biological molecules
<p>INFORMATION TECHNOLOGY (IT)</p> <p>UNIT: 1</p> <p>LESSON: Encryption</p>	<ul style="list-style-type: none"> • The need for encryption • Methods of encryption • Encryption protocols • Uses of encryption • Advantages and disadvantages of different protocols and methods of encryption 	<ul style="list-style-type: none"> • Describe symmetric (using private key only), asymmetric (using private and public keys). • Explain the purpose of Secure Socket Layer (SSL)/ Transport Layer Security (TLS) and the use of SSL/TLS in client server communication • Describe the protection of data such as on a hard disk, email or in HTTPS websites 	<p>Case study</p> <p>Work out Past paper questions.</p> <p>Assignments</p>
<p>ECONOMICS</p> <p>UNIT:</p> <p>LESSON:</p>	<ul style="list-style-type: none"> • The price system and the macroeconomy • Demand and supply curves 	<ul style="list-style-type: none"> • Defining the demand and supply • Deriving the curves • Explaining the determinants of supply and demand 	<ul style="list-style-type: none"> • Discussion • Learning from practice • Learning from real life • Pair work
<p>ACCOUNTING</p> <p>UNIT: Verification</p> <p>LESSON: Control accounts</p>	<ul style="list-style-type: none"> • To amend control accounts and to formulate statement of reconciliation 	<ul style="list-style-type: none"> • Learning through practise • Learning through discussion • Learning through real life scenarios 	<ul style="list-style-type: none"> • PPT • Formats • Assessment, grading and feedback



<p>BUSINESS STUDIES</p> <p>UNIT: 1</p> <p>LESSON : 3</p>	<ul style="list-style-type: none"> • Size of business 	<ul style="list-style-type: none"> • To analyse the beneficial impact that small firms that can have on a country's economy. • To analyse the advantages and disadvantages of small and large business 	<ul style="list-style-type: none"> • Acquisition (Read, Watch, Learn) through live sessions • Learning from Practice • Learning from live discussion • Learning from collaboration with real world activities • Learning from real life
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