

LEARNING TRAILS

AJB SECONDARY

Grade: 11

Date: Week 8 –17th to 21st October 2022

SUBJECTS	LESSONS AND CONCEPTS	LEARNING OBJECTIVES	ASSIGNMENTS AND ASSESSMENT
<p>ARABIC LANGUAGE _ ARABS</p> <p>UNIT: 1</p> <p>LESSON: اسم التفضيل + كتابة الشخصية في قصة حادثة</p>	<ul style="list-style-type: none"> اسم التفضيل صيغته الشخصية 	<ul style="list-style-type: none"> أن يتعرف اسم التفضيل ويصوغه أن يوظف اسم التفضيل في مواقف حياتية يكتب نصوص تعبر عن فكرة مركزية تظهر المقدرة على التركيز والتنظيم مطورا مهاراته الكتابية يستخدم التكنولوجيا وغيرها من المصادر لينتج عملا كتابيا وينشره متفاعلا مع الآخرين 	<ul style="list-style-type: none"> بوربوينت الكتاب المدرسي أنشطة صفية الواجب كتابة قصة قصيرة يوظف فيها شخصية يفضلها وأثرت في حياته
<p>ARABIC LANGUAGE_ GENERAL HG</p> <p>UNIT:1</p> <p>LESSON: معارض الوظائف</p>	<ul style="list-style-type: none"> معارض الوظائف مختلف المجالات مندوبي التوظيف الهيئات الدولية الرائدة اختصار 	<ul style="list-style-type: none"> أن يقرأ قراءة صحيحة خالية من الأخطاء أن يتعرف على المفردات الجديدة أن يكتب فقرة بلغة سليمة خالية من الأخطاء 	<ul style="list-style-type: none"> العروض التقديمية الأنشطة أوراق العمل اكتب فقرة عن معرض الوظائف في الإمارات العربية المتحدة
<p>ISLAMIC STUDIES_ ARABS</p> <p>UNIT: غزوة الأحزاب</p> <p>LESSON:2</p>	<ul style="list-style-type: none"> الأحزاب أشحة خطر المنافقين عورة 	<ul style="list-style-type: none"> أن يستمع للآيات الكريمة مراعيًا أحكام التجويد أن يفسر مفردات الآيات الكريمة أن ييسرنتج بعض أحكام الآيات الكريمة 	<ul style="list-style-type: none"> حفظ الآيات الكريمة حفظ معاني الكلمات الجديدة مراجعة البوربوينت حل ورقة عمل التغذية

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<p>ISLAMIC STUDIES – ENGLISH</p> <p>UNIT: One</p> <p>LESSON: Battle of trench</p>	<ul style="list-style-type: none"> • Explain the meaning of the surah • Explain the story of the verses • Reason of revelation • 	<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 	<ul style="list-style-type: none"> • Online quiz • Discussion • Daily life • PPT • Video • Textbook
<p>MATHEMATICS</p> <p>UNIT: 5</p> <p>LESSON: Trigonometry</p>	<ul style="list-style-type: none"> • Exact values of trigonometric functions • Graphs of trigonometric functions • Inverse trigonometric functions 	<ul style="list-style-type: none"> • sketch and use graphs of the sine, cosine and tangent functions (for angles of any size, and using either degrees or radians) • use the exact values of the sine, cosine and tangent of 30°, 45°, 60°, and related angles • use the notations $\sin^{-1}x$, $\cos^{-1}x$, $\tan^{-1}x$ to denote the principal values of the inverse trigonometric relations 	<ul style="list-style-type: none"> • Textbook exercises • Daily questions • Past paper questions • Weekly quiz • FA results Situation Report
<p>PHYSICS</p> <p>UNIT: Dynamics</p> <p>LESSON:</p>	<ul style="list-style-type: none"> • Momentum in two dimension • Types of forces • Equilibrium 	<ul style="list-style-type: none"> • Should be able to define momentum and to solve problems based on two dimensions, origin of different types of forces and apply conditions of equilibrium. 	<ul style="list-style-type: none"> • Sample questions and topical past papers.
<p>CHEMISTRY</p> <p>UNIT: 3</p> <p>LESSON: Chemical Bonding</p>	<ul style="list-style-type: none"> • Intermolecular forces, electronegativity and bond properties 	<p>a) Describe van der Waals' forces as the intermolecular forces between molecular entities other than those due to bond formation, and use the term van der Waals' forces as a generic term to describe all intermolecular forces.</p> <p>(b) describe the types of van der Waals' force: instantaneous dipole</p>	<ul style="list-style-type: none"> • Textual Questions • Save My Exams Topical Questions

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		<ul style="list-style-type: none"> – induced dipole (id- id) force, also called London dispersion forces permanent dipole – permanent dipole (pd-pd) force, including hydrogen bonding. (c) Describe hydrogen bonding and understand that hydrogen bonding is a special case of permanent dipole – permanent dipole force between molecules where hydrogen is bonded to a highly electronegative atom. 	
<p>BIOLOGY</p> <p>UNIT: 2</p> <p>LESSON: Biological Molecules</p>	<ul style="list-style-type: none"> 2.3 Proteins 	<ul style="list-style-type: none"> State that globular proteins are generally soluble and have physiological roles and fibrous proteins are generally insoluble and have structural roles 5 describe the structure of a molecule of haemoglobin as an example of a globular protein, including the formation of its quaternary structure from two alpha (α) chains (α-globin), two beta (β) chains (β-globin) and a haem group 	<ul style="list-style-type: none"> Topic questions to solve Online quiz Peer Assessment Solve past paper questions.
<p>INFORMATION TECHNOLOGY (IT)</p> <p>UNIT: Hardware and software</p> <p>LESSON: User interface</p>	<ul style="list-style-type: none"> The need for utility software Types Uses Advantages and disadvantages. Custom written software and off-the-shelf software 	<ul style="list-style-type: none"> Describe anti-virus, back-up, data compression, disk defragmentation (including understanding the structure of hard disk storage), formatting, file-copying, deleting. Differentiate between off-the-shelf software and custom-written software 	<ul style="list-style-type: none"> Assignment Past paper questions Case study



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<p>ECONOMICS</p> <p>UNIT:</p> <p>LESSON:</p>	<ul style="list-style-type: none"> Elasticity of supply 	<ul style="list-style-type: none"> Understanding the conditions necessary, movements along and the shifts of the supply curve 	<ul style="list-style-type: none"> Structured questions Case studies Feedback and assessment
<p>ACCOUNTING</p> <p>UNIT: Financial Accounting</p> <p>LESSON: Accounts of Limited company</p>	<ul style="list-style-type: none"> Financial statements 	<ul style="list-style-type: none"> To account for rights and bonus issue of shares in statement of financial position 	<ul style="list-style-type: none"> Formats Structured topical questions Assessment and feedback
<p>BUSINESS STUDIES</p> <p>UNIT:</p> <p>LESSON:</p>	<p>1.4.2 Objectives and business decisions</p>	<ul style="list-style-type: none"> To Analyse the different stages of business decision-making and the role of objectives in the stages of business decision-making To evaluate the need for communication of objectives and their likely impact on the workforce 	<ul style="list-style-type: none"> Data response questions Case studies Progressive tests