

LEARNING TRAILS

AJB SECONDARY

Grade: 9

Date: Week 3 - 24th to 28th April 2023

SUBJECTS	LESSONS AND CONCEPTS	LEARNING OBJECTIVES	ASSIGNMENTS AND ASSESSMENT
<p>ARABIC LANGUAGE _ ARABS</p> <p>UNIT: رواية عساكر قوس قزح</p> <p>LESSON: من الفصل الخامس حتى الثامن</p>	<ul style="list-style-type: none"> دلالات العبارات (شركة ال) ب ن) تتصور أكمة شح المال 	<ol style="list-style-type: none"> أن يقرأ الطالب فراءة جهرية صحيحة أن يقارن الطالب بين مدرسة (ب ن) والمدرسة المحمدية أن يذكر الطالب أسباب . وصف بو مس بالبطله أن يجيب الطالب عن الأسئلة 	<ul style="list-style-type: none"> رواية عساكر قوس قزح أنشط تعليمية صفيه اختبار إلكتروني الواجب المنزلي (تلخيص أحداث الفصول الخامس) والسابع يجيب عن أسئلة النشاط التالي <p>https://seraj-uae.com/test/529/</p>
<p>ARABIC LANGUAGE_ GENERAL</p> <p>UNIT: الفصل الدراسي الثالث</p> <p>LESSON: لحظات لا تنسى</p>	<p>لحظات - تنسى يشاهد - يستمتع لاعب مشهور</p>	<p>أن يستمع ويفهم المتعلم المعنى الكلي لنص الاستماع</p> <p>أن يستنتج المتعلم الفكرة الرئيسة لنص الاستماع</p> <p>أن يميز المتعلم بين المعلومات الواردة في نص الاستماع ومعلومات معطاة</p> <p>أن يتحدث المتعلم عن مباراة كرة قدم لن ينساها</p>	<p>مراجعة العرض التقديمي</p> <p>أنشطة صفيه مختلفة تراعي الفروق الفردية</p> <p>أنشطة أليكترونية</p> <p>حل أنشطة الكتاب المدرسي</p> <p>استخدام منصة أرابيتس ومنصة نهلة وناهل</p>
<p>ISLAMIC STUDIES_ ARABS</p> <p>UNIT: 5</p> <p>LESSON: درس لا ضرر ولا ضرار</p>	<ul style="list-style-type: none"> الضروريات الخمس القوانين تحفظ النظام الإسلام نظام وأمان الشريعة رحمة للعالمين لفرق بين الضرر و الضرار 	<ul style="list-style-type: none"> يقرأ الطالب الحديث الشريف .قراءة سليمة يبين الطالب أهمية تقديم المنافع للناس . يستنتج أثر تبادل المنافع على . العلاقات الاجتماعية يوضح الطالب مكانة النفس البشرية و حمايتها من الاخطار .في الإسلام 	<ul style="list-style-type: none"> مراجعة البوربوينت للدرس أوراق عمل الكترونية نشاط صفي الإجابة على نشاط الطالب (أجيب) بمفردي
<p>ISLAMIC STUDIES – ENGLISH</p> <p>UNIT: 5</p>	<ul style="list-style-type: none"> Acquisition (, Watch, Learn) Learning from Practice Learning from discussion Learning from real 	<ul style="list-style-type: none"> Explain the noble hadith. Explain the effect of applying the hadith in the society. Explain how bring benefits for myself and 	<ul style="list-style-type: none"> Online quiz Discussion Daily life PPT Video Textbook



<p>LESSON: There Should Be Neither Harming nor Reciprocating Harm</p>	<p>life connection/ subject integration/</p> <ul style="list-style-type: none"> • MEP integration • Power point video embedded • Live Teaching • Task sheets for practice • Discussion tool 	<p>for others</p>	
<p>ENGLISH LANGUAGE</p> <p>UNIT: Letter writing</p> <p>LESSON: summary writing</p>	<ul style="list-style-type: none"> • Summary writing • Letter writing / informal letter • Spellings 	<ul style="list-style-type: none"> • Be able to respond to a two-part summary • Write an informal letter • Distinguish between the British and American spellings • Use mnemonic devices to master spellings 	<ul style="list-style-type: none"> • Ppt • Audio • Video • Group discussion • Textbook • Past exam paper
<p>MATHEMATICS</p> <p>UNIT: Numbers</p> <p>LESSON: percentages, speed distance time with graph</p>	<ul style="list-style-type: none"> • Numbers: • Simple interest • Compound interest • Income tax • Speed distance time 	<ul style="list-style-type: none"> • To be able to calculate simple and compound interest • To be able to calculate income tax • To Interpret distance–time graphs • Apply the idea of rate of change to simple kinematics involving distance time graphs • To interpret speed–time graphs. 	<ul style="list-style-type: none"> • Solve level-based questions • Daily practice questions • Weekly assignment • Weekly class test
<p>PHYSICS</p> <p>UNIT: WAVE PROPERTIES</p> <p>LESSON: LIGHT</p>	<ul style="list-style-type: none"> • A light ray that travels from one medium to another along the normal is not refracted. • 2. A light ray bends towards the normal when it enters an optically denser medium at an angle (e.g. air to glass). 	<ul style="list-style-type: none"> • Define and use the terms normal, angle of incidence and angle of refraction. • Describe an experiment to show refraction of light. • Describe the passage of light from one medium to another through a transparent material 	<ul style="list-style-type: none"> • PPT • VIDEOS • ASSIGNMENTS • PAST PAPERS

<p>CHEMISTRY</p> <p>UNIT:</p> <p>LESSON: Chemistry of the Environment</p>	<ul style="list-style-type: none"> Describe the harmful pollutants in the air, water. Explain the adverse effects on human life Illustrate use of NPK fertilizers State different fertilizers and their uses for proper plant growth 	<ul style="list-style-type: none"> State that some of these substances are potentially harmful some metal compounds are toxic some plastics harm aquatic life sewage contains harmful microbes which cause disease nitrates and phosphates lead to deoxygenation of water and damage to aquatic life Describe the treatment of the domestic water supply State the composition of clean, dry air State that ammonium salts and nitrates are used as fertilisers Describe the use of NPK fertilisers to provide the elements nitrogen, phosphorus and potassium for improved plant growth. 	<ul style="list-style-type: none"> Textbook Past exam paper Class test Ppt Video
<p>BIOLOGY</p> <p>UNIT: 9 Transport in animals</p> <p>LESSON: Heart</p>	<ul style="list-style-type: none"> Introduction to the circulatory system - functions, components, and importance Anatomy of the circulatory system - blood vessels, heart, and valves Mechanisms of blood circulation - one-way flow, cardiac cycle, and blood pressure Single circulation in fish - structure and function of gills, heart, and blood vessels Double circulation in mammals - 	<ul style="list-style-type: none"> Describe the circulatory system as a system of blood vessels with a pump and valves to ensure one-way flow of blood Describe the single circulation of a fish Describe the double circulation of a mammal Explain the advantages of a double circulation 	<ul style="list-style-type: none"> Past papers Label the parts of the circulatory system on a diagram or a model Choose a specific mammal species and research its circulatory system, including the structure and function of the heart, pulmonary and systemic circuits, and blood vessels. Create a labeled diagram to show the flow of blood in the mammal's circulatory system.

	structure and function of the pulmonary and systemic circuits, heart, and blood vessels		
INFORMATION & COMMUNICATION TECHNOLOGY (ICT) UNIT: 20 LESSON: functions in Excel	<ul style="list-style-type: none"> Lookup functions 	<ul style="list-style-type: none"> Differentiate the lookup functions Identify Vertical and horizontal lookup 	<ul style="list-style-type: none"> PPTs Assessments Teams Worksheets
UAE STUDIES_ ARABIC UNIT: الاولي LESSON: الدخل و الضرائب	<p>الدخل الدخل الحقيقي الدخل النقدي ايرادات العمل الرسوم الضرائب</p>	<p>يتعرف علي المفاهيم الواردة الجديدة بالدرس يوضح مصادر الدخل الحقيقي يشرح مصادر ايرادات العامة لدولة يستنتج الاهداف العامة من فرض الضرائب</p>	<ul style="list-style-type: none"> مراجعة البوربوينت للدرس أوراق عمل الكترونية نشاط صفي الإجابة على نشاط الطالب (أجيب بمفردي)
UAE STUDIES – ENGLISH UNIT: 2 LESSON: 21st Century Infrastructure and Smart Initiatives	<ul style="list-style-type: none"> The future initiatives of the United Arab Emirates in Various sectors. Federal Strategy and Plans of UAE for Empowerment in various fields. MOHRE Strategic Goals. 	<ul style="list-style-type: none"> Understanding The Smart Initiatives put forward by United Arab Emirates. 	<ul style="list-style-type: none"> PPTS Discussion Videos Documentaries Worksheets
ECONOMICS UNIT: LESSON:	<ul style="list-style-type: none"> Workers 	<ul style="list-style-type: none"> Wage determination analysis and factors that influence occupational wages 	<ul style="list-style-type: none"> Structured questions MCQS PPTS

<p>ACCOUNTING</p> <p>UNIT: Financial Statements</p> <p>LESSON: Partnership Accounting</p>	<ul style="list-style-type: none"> • Current account • Statement of financial position 	<ul style="list-style-type: none"> • Draw up partners' capital and current accounts in ledger account form and as part of a statement of financial position 	<ul style="list-style-type: none"> • Formats • Topical Structured questions • MCQ • Assessment and feedback
<p>BUSINESS STUDIES</p> <p>UNIT: 2</p> <p>LESSON:9</p>	<ul style="list-style-type: none"> • Internal and External Communication 	<ul style="list-style-type: none"> • To identify different methods of communication • To Analyse different methods of communication 	<ul style="list-style-type: none"> • Progressive test • Solving date response questions
<p>URDU</p> <p>UNIT:</p> <p>LESSON:</p>	<ul style="list-style-type: none"> • Past papers 2016- paper 1 -2 	<ul style="list-style-type: none"> • To solve paper 1 and 2 with Teacher's guidance 	<ul style="list-style-type: none"> • Book 1 and 2 • Grammar from paper 2
<p>PAKISTAN STUDIES</p> <p>UNIT:</p> <p>LESSON:</p>	<ul style="list-style-type: none"> • The Environment of Pakistan October/November past paper • https://papers.gceguide.com/O%20Levels/Pakistan%20Studies%20(2059)/2022/2059_w22_qp_02.pdf 	<ul style="list-style-type: none"> • Understanding and analyzing the demographic transition model (TDM) • Agriculture development in Pakistan and irrigation methods • Development of Industries and their contribution to the GDP of Pakistan. 	<ul style="list-style-type: none"> • Maps • Bar Graphs • Pie Charts • Line Graphs • Maps
<p>ENVIRONMENTAL MANAGEMENT</p> <p>UNIT: Energy and the environment</p> <p>LESSON: Energy resources and the generation of electricity</p>	<ul style="list-style-type: none"> • Energy resources as nonrenewable and renewable. • fossil fuels, nuclear power, biofuels, geothermal power, hydro-electric power, tidal power, wave power, solar power, wind power. 	<ul style="list-style-type: none"> • Students will be classifying energy resources as nonrenewable or renewable. • Describing Energy resources and the generation of electricity 	<ul style="list-style-type: none"> • PPT • Assignment • Real life examples • https://www.bp.com/en/global/corporate/energy-economics/statistical-review-of-world-energy.html • https://biogas.ifas.ufl.edu/

