

LEARNING TRAILS

AJB SECONDARY

Grade: 9

Date: Week 5 - 8th to 12th May 2023

SUBJECTS	LESSONS AND CONCEPTS	LEARNING OBJECTIVES	ASSIGNMENTS AND ASSESSMENT
<p>ARABIC LANGUAGE _ ARABS</p> <p>UNIT: رواية عساكر قوس قزح</p> <p>LESSON: الفصل التاسع والعاشر</p>	<ul style="list-style-type: none"> شامان التماسيح الحزن والأسى في شخصية بودينغا شخصية السيد _ صمديكون الصراع من أجل _ الحفاظ على المدرسة 	<ul style="list-style-type: none"> أن يقرأ الطالب قراءة _ جهرية صحيحة أن يذكر الطالب _ الشخصيات التي ظهرت في الفصل ودورها في الأحداث أن يتحدث الطالب عن _ الحالة النفسية والشعورية ليو مس في الحفاظ والصراع من أجل المدرسة أن يلخص الطالب أحداث _ الفصل العاشر بأسلوبه 	<ul style="list-style-type: none"> رواية عساكر _ قوس قزح أنشطة إلكترونية _ تعليمية حل أسئلة الرواية _ الواجب المنزلي _ (حل الأنشطة الخاصة بتلك الفصول على منصة ألف)
<p>ARABIC LANGUAGE _ GENERAL</p> <p>UNIT: الفصل الدراسي الثالث</p> <p>LESSON: السياحة</p>	<ul style="list-style-type: none"> الواقع الافتراضي يشاهد - السياحة نظارة - سماعة 	<ul style="list-style-type: none"> يستمع ويفهم المعنى الكلي لنص الاستماع يتعرف على المفردات الواردة في نص الاستماع يحدد الفكرة الرئيسة والفكر الفرعية لنص الاستماع يتحدث الطالب عن السياحة في دولة الإمارات العربية المتحدة 	<ul style="list-style-type: none"> مناقشة العرض التقديمي أوراق عمل تراعي الفروق الفردية أنشطة صفية نشاط إلكتروني حل أسئلة نص الاستماع الواجب: يكتب فقرة عن السياحة في الإمارات العربية المتحدة
<p>ISLAMIC STUDIES _ ARABS</p> <p>UNIT: 5</p> <p>LESSON: السنن الاجتماعية في القرآن الكريم</p>	<ul style="list-style-type: none"> السنن الكونية السنن الربانية الفضاء وعلماء الفلك علم الفلك ودراسة النجوم مكانة القرآن وفضله الاحتضار والموت القسم وجوابه 	<ul style="list-style-type: none"> أفسر المفردات القرآنية لفهم التعريف استنتج مظاهر قدرة الله في الخلق أحرص على القيم الإسلامية أطبق ما تعلمت من خلال التأمل في مظاهر الكون 	<ul style="list-style-type: none"> مراجعة البوربوينت للدرس أوراق عمل إلكترونية نشاط صفي حل منصة ألف للدرس الإجابة على نشاط الطالب اجيب بمفردي



<p>ISLAMIC STUDIES – ENGLISH</p> <p>UNIT: 5</p> <p>LESSON: There should be neither harming nor reciprocating him</p>	<ul style="list-style-type: none"> • Acquisition • watch, learn • learning from practice • learning from • 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"> • What is the significance of 'neither' and 'nor' in the hadeeth? • Why is the word 'harm' indefinite in the hadeeth? 	<ol style="list-style-type: none"> 1. Online quiz 2. Discussion 3. Daily life 4. Ppt 5. Video 6. Textbook 7. Discuss the practical applications of the hadeeth in everyday life and how it can be used as a guide for ethical behavior.
<p>ENGLISH LANGUAGE</p> <p>UNIT: 9</p> <p>LESSON: Reading comprehension Grammar Listening</p>	<ul style="list-style-type: none"> • Reading comprehension • Grammar: use of the imperative • Listening comprehension 	<ul style="list-style-type: none"> • COrractly respond to comprehension questions • Use the imperative form of verb • Answer listening exercises correctly 	<ul style="list-style-type: none"> • Ppt • Models • Teacher exposition • Work sheets • Collaborative learning • Group work
<p>MATHEMATICS</p> <p>UNIT: 8</p> <p>LESSON: Inverse function, plotting curves</p>	<ul style="list-style-type: none"> • Inverse function • Graph of functions 	<ul style="list-style-type: none"> • To find the inverse of the given function • To know how to Plot quadratic curves • To know how to draw a tangent and estimate the gradient of the tangent 	<ul style="list-style-type: none"> • Level based questions • Daily practice questions • Weekly assignment • Weekly class test • GL Test



<p>PHYSICS</p> <p>UNIT: LIGHT</p> <p>LESSON:</p> <p>REFRACTION BY THIN LENSES</p>	<ul style="list-style-type: none"> • A typical lens can be thought of as a set of small prisms • As the surface of a lens is curved, parallel light rays hitting different parts of its surface have different incident angles. • This causes the individual rays to refract by different angles. • The angle of refraction is the largest at the outermost part of the lens, while no refraction occurs in the middle. • As a result, depending on the curvature of the lens, light rays either converge or diverge after passing through the lens 	<ul style="list-style-type: none"> • Describe the action of thin converging and thin diverging lenses on a parallel beam of light. • Define and use the terms focal length, principal axis and principal focus (focal point). 	<ul style="list-style-type: none"> • VIIDEOS • PPT • ASSIGNMENTS • PAST PAPERS
<p>CHEMISTRY</p> <p>UNIT: 14</p> <p>LESSON: METALS</p>	<ul style="list-style-type: none"> • Applications of metals • Making of an alloy • Explain the structure of an alloy • Find out metals are the mixtures of metal • Write the examples of alloys 	<ul style="list-style-type: none"> • Describe the uses of metals in terms of their physical properties • Describe an alloy as a mixture of a metal with other elements • State that alloys can be harder and stronger than the pure metals and are more useful • Explain in terms of structure how alloys can be harder and 	<ul style="list-style-type: none"> • Video • Ppt • Workbook • www.youtube.com/watch?v=xqigVDZfWAs • https://edu.rsc.org/resources/making-an-alloy-solder/1742.article • www.gcscience.com/ex29.htm



		<p>stronger than the pure metals because the different sized atoms in alloys mean</p>	
<p>BIOLOGY</p> <p>UNIT: 10 Diseases and immunity</p> <p>LESSON: 10.1 Diseases and immunity</p>	<ul style="list-style-type: none"> • Define what a disease is. • Identify the main types of diseases and provide examples. • Describe what the immune system is and how it works. • Explain the difference between active and passive immunity. 	<ul style="list-style-type: none"> • Describe a pathogen as a disease-causing organism • Describe a transmissible disease as a disease in which the pathogen can be passed from one host to another • State that a pathogen is transmitted: (a) by direct contact, including through blood and other body fluids (b) indirectly, including from contaminated surfaces, food, animals and air • Describe the body defences, limited to: skin, hairs in the nose, mucus, stomach acid and white blood cells • Explain the importance of the following in controlling the spread of disease: (a) a clean water supply (b) hygienic food preparation (c) good personal hygiene (d) waste disposal (e) sewage treatment 	<ul style="list-style-type: none"> • Multiple-choice quiz on the types of diseases and the immune system. • "The Immune System Explained I – Bacteria Infection" by Kurzgesagt - https://www.youtube.com/watch?v=zQGOcOUBi6s • Centers for Disease Control and Prevention website - https://www.cdc.gov/ • World Health Organization website - https://www.who.int/

<p>INFORMATION & COMMUNICATION TECHNOLOGY (ICT)</p> <p>UNIT: 6</p> <p>LESSON: ICT Applications</p>	<ul style="list-style-type: none"> Controlling Applications Practical- Excel Functions 	<ul style="list-style-type: none"> Able to describe the controlling application which are used in green house, central heating system, etc. Will evaluate the role microprocessors in these type of devices Past paper June 2021 will be answered (Practical) 	<ul style="list-style-type: none"> Teams, PPTs Class Assessments Excel
<p>UAE STUDIES_ ARABIC</p> <p>UNIT: الوطن العربي و ادارة الموارد و الطاقة و الدخل</p> <p>LESSON: الدخل و الضرائب</p>	<p>ثانيا : الضرائب مصادر ايرادات العامة لدولة اهداف الضرائب انواع الضرائب</p>	<p>يشرح مصادر الإيرادات العامة للدول يستنتج أهداف الرئيسية لفرض الضرائب يقارن بين الضريبة الانتقائية و ضريبة القيمة المضافة يقدر الجهود التي تبذلها حكومة الإمارات للارتقاء بمستوى المعيشة</p>	<ul style="list-style-type: none"> مراجعة البوربوينت للدرس أوراق عمل الكترونية نشاط صفي الإجابة على نشاط الطالب (أجيب بمفرد)
<p>UAE STUDIES – ENGLISH</p> <p>UNIT: 9</p> <p>LESSON:4 Sustainability in the Modern UAE</p>	<ul style="list-style-type: none"> The concept of Sustainable Development. Sustainability in UAE. 	<ul style="list-style-type: none"> The relevance of Studying sustainable development in the current world UAE’s 2050 Energy Strategy 	<ul style="list-style-type: none"> https://www.youtube.com/watch?v=HiRSUe2Xwwc&ab_channel=TheNationalNews PPTs Videos Research work Documentaries
<p>ECONOMICS</p> <p>UNIT:</p> <p>LESSON:</p>	<ul style="list-style-type: none"> FIRMS 	<ul style="list-style-type: none"> Describing the classification of firms Explaining the different types of business growth Analyzing the economies and diseconomies of scale 	<ul style="list-style-type: none"> Structured questions Ppts Case studies

<p>ACCOUNTING</p> <p>UNIT: Financial Statements</p> <p>LESSON: Partnership Accounting</p>	<ul style="list-style-type: none"> Multiple Choice Questions – Paper 12 	<ul style="list-style-type: none"> To apply the concepts of partnership accounting in solving MCQs 	<ul style="list-style-type: none"> Formats MCQ sheet and Answer key Periodic Test
<p>BUSINESS STUDIES</p> <p>UNIT: 3</p> <p>LESSON:10</p>	<ul style="list-style-type: none"> Niche and Mass Markets 	<ul style="list-style-type: none"> To analyse the benefits and limitations of selling goods in Niche and mass market 	<ul style="list-style-type: none"> Case studies Progressive tests
<p>URDU</p> <p>UNIT:</p> <p>LESSON:</p>	<ul style="list-style-type: none"> پاسٹ پیپر ۲۰۱۸ خلاصی نگاری 	<ul style="list-style-type: none"> خلاصی نگاری کے نکات کو سمجھ کر دئے گئے اشارات کی مدد سے خلاصی لکھیں گے 	<ul style="list-style-type: none"> پاسٹ پیپر ۲۰۱۸ گھر کا کام کوئز
<p>PAKISTAN STUDIES</p> <p>UNIT:</p> <p>LESSON:</p>	<ul style="list-style-type: none"> The History and Culture of Pakistan Past paper October/November 2019 https://papers.gceguide.com/O%20Levels/Pakistan%20Studies%20(2059)/2019/2059_w19_qp_1.pdf 	<ul style="list-style-type: none"> the 1937 elections and their significance to the Muslim League and Congress To analyze the Jinnah's 14 Points, 1929 To explore the reasons and outcomes of the Round Table Conferences, 1930–32 	<ul style="list-style-type: none"> Image analysis Comprehension Long Questions Quiz Assessments
<p>ENVIRONMENTAL MANAGEMENT</p> <p>UNIT: Energy and Environment</p> <p>LESSON:</p>	<ul style="list-style-type: none"> The environmental problems caused by mining fossil fuels. Changes and innovative technologies to 	<ul style="list-style-type: none"> Describe Outline references to air pollution, acid rain, carbon dioxide releases, and effects of global warming are needed at this point since these are topics studied in greater 	<p>http://www.bp.com/statisticalreview</p> <p>Assignment.</p> <p>Experiential learning</p>



ENGLISH GARDEN
NURSERY



<p>Electricity Production</p>	<p>solve environmental problems from energy use.</p>	<p>depth.</p> <ul style="list-style-type: none"> • A detailed understanding of how pollution risks are associated with oil and gas transportation by tanker and pipeline. 	
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