

AJB SECONDARY LEARNING TRAILS

Grade: 9

Date: Week 11 – 7th to 11th November 2021

SUBJECTS	LESSONS AND CONCEPTS	LEARNING OBJECTIVES	ASSIGNMENTS AND ASSESSMENT
<p>ARABIC LANGUAGE _ ARABS</p> <p>UNIT: الأولى</p> <p>LESSON اسم الفاعل واسم المفعول</p>	<ul style="list-style-type: none"> المشتقات الفعل الثلاثي مافوق الثلاثي 	<ul style="list-style-type: none"> أن يتعرف الطالب اسم الفاعل واسم المفعول أن يصوغ الطالب اسم الفاعل والمفعول من أفعال ثلاثية وفوق ثلاثية أن يستخرج الطالب اسم الفاعل والمفعول من الفقرات بالكتاب المدرسي أن يجيب الطالب عن أسئلة الكتاب 	<ul style="list-style-type: none"> أوراق العمل الأسئلة المتنوعة اختبار إلكتروني
<p>ARABIC LANGUAGE_ GENERAL</p> <p>UNIT: الوحدة الثانية</p> <p>LESSON : مذكرات كاتب</p>	<ul style="list-style-type: none"> مذكرات - كاتب تدوين - الأرقام مبارزة - عنوان 	<ul style="list-style-type: none"> أن يستمع ويفهم المعنى الكلي لنص الاستماع أن يحدد الفكرة الرئيسية والأفكار الفرعية للدرس أن يتعرف على المفردات الجديدة الواردة في الدرس أن يستنتج الطلاب أهم مواصفات القصة الجيدة 	<ul style="list-style-type: none"> العرض التقديمي عرض نص الاستماع أوراق عمل مختلفة أنشطة على الميكروسوفت فورم والكاهوت التحدث (يتحدث عن (ذكرى جميلة مر بها Dictation الإملاء The vocab of the lesson with the below sentence إن الإمارات بلد حلم) للجميع، حيث يحب جميع الناس العيش فيها لأنها تتميز بالأمن والأمان
<p>ISLAMIC STUDIES_ ARABS</p> <p>UNIT: 2</p> <p>LESSON : الدين النصيحة</p>	<ul style="list-style-type: none"> قراءة الحديث الشريف تفسير الحديث النصيحة عامية المسلمين كيف تكون النصيحة لله 	<ul style="list-style-type: none"> أن يسمع الحديث الشريف بلغة سلمية ويبين الهدايات الواردة في الحديث الشريف ويبين أهمية النصيحة في الاسلام ويستنتج مجالات النصيحة ويوضح أثر النصيحة على الفرد 	<ul style="list-style-type: none"> حفظ الحديث الشريف حفظ معاني الكلمات الجديدة مراجعة البوربوينت حل ورقة عمل التغذية

<p>ISLAMIC STUDIES – ENGLISH</p> <p>UNIT: 3</p> <p>LESSON : life in Makkah</p>	<ul style="list-style-type: none"> • Explain the life of Prophet SAW before Islam • Explain the migration of Prophet SAW in Makkah • Describe the situation of Prophet SAW during his early stage of preaching Islam. 	<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>ENGLISH LANGUAGE</p> <p>UNIT: Poem Comprehension, Summary Writing, Reading Comprehension, Article Writing</p> <p>LESSON : Poem ‘Kamikaze’ by Beatrice Garland, articles about tigers’ population in Asia and hawks (workbook), article writing about reading hard copy vs soft copy.</p>	<ul style="list-style-type: none"> • Identify and retrieve facts and details from a reading passage about hawks and the population of tigers in Asia. • Understand how to arrange information in a summary writing. • Compose a summary about the reasons of the decline in number of tigers and the steps being taken by the World Wildlife Fund to stop the decline. • Identify the use of figures of speech in poetry. • Understand and 	<ul style="list-style-type: none"> • Acquisition (Read, Watch, Learn) • Learning from enquiry • Learning from Practice • Learning from discussion • Learning from collaboration • Learning from real life connection/ subject integration 	<ul style="list-style-type: none"> • Power Point • Power point video embedded • Live Teaching • Session recorded and shared with learners • Task sheets for practice • Discussion tool • Assignment and grading

	<p>discuss a poet's choice of words and phrases.</p> <ul style="list-style-type: none"> List examples of personification, rhetorical question and imagery in the poem 'Kamikaze' by Beatrice Garland. Convey information and express opinions effectively Employ and control a variety of grammatical structures Write an article contrasting two sides of a topic using transitional devices effectively. 		
<p>MATHEMATICS</p> <p>UNIT: Algebra one</p> <p>LESSON : Word problems solved by simultaneous equations, Factorisation</p>	<ul style="list-style-type: none"> To solve simultaneous linear equations in two variables by setting up an equation from the statement problem To factorise simple algebraic expressions To factorise algebraic expression by grouping To factorise quadratic 	<ul style="list-style-type: none"> Acquisition (Read, Watch, Learn) Learning from enquiry Learning from Practice Learning from discussion Learning from collaboration Learning from real life connection/ subject integration 	<ul style="list-style-type: none"> Power Point Live Teaching Session recorded and shared with learners Exercise questions for practice Class test Question of the day

	<p>expression with linear x^2 by splitting middle term.</p> <ul style="list-style-type: none"> To factorise quadratic expression with nonlinear x^2 by splitting middle term. 		
<p>PHYSICS UNIT: GENERAL PHYSICS LESSON : HOOKES LAW</p>	<ul style="list-style-type: none"> investigate Hooke's law using a helical spring and masses. Introducing the equation $F = kx$ and link to the graph 	<ul style="list-style-type: none"> Know that forces may produce changes in the size and shape of an object Sketch, plot and interpret load–extension graphs for an elastic solid and describe the associated experimental procedures Define the spring constant as force per unit extension; recall and use the equation $K=f/x$ 	<ul style="list-style-type: none"> Power Point Power point video embedded Live Teaching Session recorded and shared with learners Task sheets for practice Discussion tool Assignment and grading
<p>CHEMISTRY UNIT: ions and ionic compounds isotopes</p>	<ul style="list-style-type: none"> Formation of ionic bonds between metallic and non-metallic elements Formation of ionic bonds between 	<ul style="list-style-type: none"> Describe the formation of ionic bonds between metallic and non-metallic elements Describe the 	<ul style="list-style-type: none"> Activity sheets PPT Past paper questions MS forms assessments

<p>LESSON :</p> <p>Ionic bonding and covalent bonding</p>	<p>elements from Group I and Group VII, including the use of dot-and-cross diagrams</p> <ul style="list-style-type: none"> properties of ionic compounds: (a) high melting points and boiling points (b) good electrical conductivity when aqueous or molten and poor when solid 	<p>formation of ionic bonds between elements from Group I and Group VII, including the use of dot-and-cross diagrams</p> <ul style="list-style-type: none"> Describe the properties of ionic compounds: (a) high melting points and boiling points (b) good electrical conductivity when aqueous or molten and poor when solid 	
<p>isotopes</p>	<ul style="list-style-type: none"> The lattice structure of ionic compounds as a regular arrangement of alternating positive and negative ions Different atoms of the same element that have the same number of protons but different numbers 	<ul style="list-style-type: none"> Describe the lattice structure of ionic compounds as a regular arrangement of alternating positive and negative ions Define isotopes as different atoms of the same element that have the same number of protons but different numbers of 	

	<p>of neutrons 2</p> <p>Interpret and use symbols for atoms, e.g. $^{12}_6\text{C}$, and ions, e.g. $^{35}_{17}\text{Cl}^-$</p>	<p>neutrons 2</p> <p>Interpret and use symbols for atoms, e.g. $^{12}_6\text{C}$, and ions, e.g. $^{35}_{17}\text{Cl}^-$</p>	
<p>BIOLOGY</p> <p>UNIT: Biological Molecules</p> <p>LESSON :Biological tests and Structure of DNA and water</p>	<ul style="list-style-type: none"> • Biological tests • Charbohydrates, proteins, reducing sugars, fat and vitamin-c • Structure of DNA and the water 	<ul style="list-style-type: none"> • Describe the use of: <ul style="list-style-type: none"> • iodine solution to test for starch, Benedict's solution to test for reducing sugars, biuret test for proteins, ehanol emulsion test for fats and oils, DCPIP test for vitamin C • Describe the structure of DNA as: <ul style="list-style-type: none"> – two strands coiled together to form a double helix, each strand contains chemicals called bases, cross-links between the strands are formed by pairs of bases – the bases always pair up in the same way: <ul style="list-style-type: none"> • A with T, and C with G (full names are not • Describe the roles of water as a solvent in organisms with respect to digestion, excretion and transport required) 	<ul style="list-style-type: none"> • Power point video embedded • Live Teaching • Session recorded and shared with learners • Task sheets for practice • Discussion tool • Assignment and grading

<p>INFORMATION & COMMUNICATION TECHNOLOGY (ICT)</p> <p>UNIT: Storage devices and media</p> <p>LESSON : Direct Access devices</p> <p>Revision test on Practical</p>	<ul style="list-style-type: none"> • Direct Access • Document production 	<ul style="list-style-type: none"> • optical backing storage media (CD/DVD/blu-ray): CD ROM/DVD ROM, CD R/DVD R, CD RW/DVD RW, DVD RAM, blu-ray discs • solid state backing storage: solid state drives, memory sticks/pen drives, flash • Describe the advantages and disadvantages of the above devices • Produce a document 	<ul style="list-style-type: none"> • Activity sheets • PPT • Past paper questions • MS forms assessments • MS word, Past paper question.
<p>UAE STUDIES_ ARABIC</p> <p>UNIT: 2</p> <p>LESSON : التكتلات الاقتصادية</p>	<ul style="list-style-type: none"> • أن يتعرف الطالب على أهم التكتلات الاقتصادية • أن يعدد الطالب دور التكتلات الاقتصادية للدول المشتركة • أن يستنتج الطالب أهم التكتلات الاقتصادية التي تم العمل بها بين الدول 	<ul style="list-style-type: none"> • عرض البوربوينت • عرض فيديو • عرض ورق العمل • الحوار والمناقشة • التفكير الناقد • المسابقات التعليمية 	<ul style="list-style-type: none"> • مراجعة البوربوينت • حل ورقة العمل والتغذية الراجعة عليها
<p>UAE STUDIES – ENGLISH</p> <p>UNIT: 5</p> <p>LESSON : Ship building and Trade: Ed-Dur and the Arabian Gulf</p>	<p>Key Vocabulary</p> <ul style="list-style-type: none"> • Ed dur • lagoon • Harbour • Tuberculosis • Settlement • Dibba 	<ul style="list-style-type: none"> • identify the scale to which Ed-Dur and Dibba were centres of the UAE area • Describe the effects of travel on the spread of diseases 	<ul style="list-style-type: none"> • Power point presentation • Video • Activities from textbook

<p>ECONOMICS</p> <p>UNIT:</p> <p>LESSON :</p>	<ul style="list-style-type: none"> PRICE ELASTICITY OF DEMAND 	<ul style="list-style-type: none"> DEFINING THE PRICE ELASTICITY OF DEMAND IDENTIFYING THE THE DETERMINANTS OF THE PED ILLUSTRATING THE PED ON CURVES 	<ul style="list-style-type: none"> Activity sheets PPT Past paper questions MS forms assessments
<p>ACCOUNTING</p> <p>UNIT: Financial accounting</p> <p>LESSON : Books of prime entry</p>	<ul style="list-style-type: none"> Sales journal Purchase journal Sales returns journal Purchase returns journal 	<ul style="list-style-type: none"> To formulate relevant journals To transfer the totals to relevant ledgers 	<ul style="list-style-type: none"> PPT Formats MS Forms/kahoot Topical questions Assessment, grading and feedback
<p>BUSINESS STUDIES</p> <p>UNIT: 1</p> <p>LESSON: 3</p>	<ul style="list-style-type: none"> Types of business organization 	<ul style="list-style-type: none"> To classify various private sector organization 	<ul style="list-style-type: none"> Power Point Analysis and evaluation at Break out rooms Session recorded and shared with learners Feedback Revision sheets Assignment
<p>URDU</p> <p>UNIT: paper 1</p> <p>LESSON: : Report Writing</p>	<ul style="list-style-type: none"> Student will learn about the Report writing: How to write Types of report, 	<ul style="list-style-type: none"> Learning from Practice · Learning from discussion Past Paper 	<ul style="list-style-type: none"> Past Papers PPT Live teaching Quiz



<p>PAKISTAN STUDIES</p> <p>UNIT: 4</p> <p>LESSON : Forest</p>	<ul style="list-style-type: none"> • Class Test 	<ul style="list-style-type: none"> • To understand the different concepts related to Forest. 	<ul style="list-style-type: none"> • Quiz and assignments
<p>GEOGRAPHY</p> <p>UNIT: Population dynamics</p> <p>LESSON : Case Study</p>	<ul style="list-style-type: none"> • Aging population in different countries 	<ul style="list-style-type: none"> • Learning from enquiry • Learning from Practice • Learning from discussion • Learning from collaboration • Learning from real life connection/ subject integration 	<ul style="list-style-type: none"> • Activity sheets • PPT • Past paper questions