

LEARNING TRAILS

AJB SECONDARY

Grade: 9

Date: Week 11 – 7th to 11th November 2022

SUBJECTS	LESSONS AND CONCEPTS	LEARNING OBJECTIVES	ASSIGNMENTS AND ASSESSMENT
ARABIC LANGUAGE _ ARABS UNIT: 1 LESSON: في مكارم الأخلاق _ مفتش (المدارس) قصة	<ul style="list-style-type: none"> • اخضلت • جذلي • لأي • متهدج 	<ul style="list-style-type: none"> • أن يقرأ الطالب قراءة جهريّة صحيحة • أن يحدد الطالب عناصر القصة مبيناً تأثير الشخصية الرئيسة في الأحداث • أن يذكر الطالب القضية التي تناقشها القصة وكيف يمكن معالجتها • أن يجيب الطالب عن الأسئلة 	<ul style="list-style-type: none"> • بوربوينت • أنشطة تعليمية صفية • الكتاب المدرسي • الواجب المنزلي (كتابي) حول إهتمام دولة الإمارات بالتعليم وتوفير كل الإمكانيات اللازمة (لذلك)
ARABIC LANGUAGE_ GENERAL UNIT: الوحدة الثانية LESSON: من يومياتي	<ul style="list-style-type: none"> • الأم - ملكة • استيقظت - وجدت • الصباح - المساء • ملابس المدرسة 	<ul style="list-style-type: none"> • أن يستمع ويفهم المعنى الكلي لنص الاستماع • أن يتعرف على المفردات الجديدة • أن يميز بين المعلومات الواردة في نص الاستماع من التي لم ترد فيه • أن يحدد الفكرة الرئيسة والفكر الفرعية لنص الاستماع 	<ul style="list-style-type: none"> • مناقشة العرض التقديمي • تحليل نص الاستماع • الواجب: كتابة خمس جمل مفيدة عن الشغب
ISLAMIC STUDIES_ ARABS UNIT: 2 LESSON: درس الحلال بين	<ul style="list-style-type: none"> • الحلال • الطيبات • الحرام • الحمي • يرتع • يوشك 	<ul style="list-style-type: none"> • يقرأ الحديث الشريف قراءة صحيحة • يبين معاني الكلمات • يوضح المعنى الإجمالي للحديث • يوضح أهمية ترك الحرام 	<ul style="list-style-type: none"> • مراجعة البوربوينت للدرس • أوراق عمل • أنشطة صفية • حل أنشطة الكتاب للدرس
ISLAMIC STUDIES – ENGLISH UNIT: 2 LESSON: The Permissible is Self-Evident	<ul style="list-style-type: none"> • Explain the meaning of the hadith • Explain the reason of self-evident 	<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 	<ul style="list-style-type: none"> • Online quiz • Discussion • Daily life • PPT • Video • Textbook



<p>ENGLISH LANGUAGE</p> <p>UNIT: Reading Comprehension, Listening Exercise, Letter Writing</p> <p>LESSON: Reading passage about Mc Donald's in Italy from the textbook, listening exercise about teens who are vegetarian, letter writing using infinitives.</p>	<ul style="list-style-type: none"> Identify relevant information and select correct details about Mc Donald's from a reading passage. Understand how to use the strategies of skimming and scanning to extract details from a reading passage. Prepare a speech about Mc Donald's and its branches in Italy using the questions and answers of the reading comprehension exercise. Identify relevant information and select correct details from a range of sources. Understand factual information and ideas from a 	<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 audio embedded Power point video embedded Live Teaching Session recorded and shared with learners Task sheets for practice Discussion tool Assignment and grading

	<p>range of sources, e.g. recorded phone messages, announcements, dialogues, interviews and formal talks a variety of voices and accents will be heard in recordings to reflect the various contexts presented.</p>		
<p>MATHEMATICS</p> <p>UNIT: 2.12, 5.1</p> <p>LESSON: Algebra 1 and 2</p>	<ul style="list-style-type: none"> • Non-Linear simultaneous equations • Algebraic fractions 	<ul style="list-style-type: none"> • To Solve two simultaneous equations (one linear, one quadratic) algebraically • To make the algebraic fraction into single fraction • To simplify the algebraic fraction 	<ul style="list-style-type: none"> • PPT • Worksheets • Textbook exercises • Online quiz • Daily Question in Team – MS Forms • Weekly progressive Test Every Thursday
<p>PHYSICS</p> <p>UNIT: FORCE</p> <p>LESSON:</p> <p>Centre of gravity</p>	<ul style="list-style-type: none"> • Learners investigate the centre of gravity of some objects. • Learners list objects that are unstable and pick one to redesign e.g. a wine glass or a filing cabinet can be designed to be wider and lower 	<ul style="list-style-type: none"> • State what is meant by centre of gravity • Describe an experiment to determine the position of the centre of gravity of an irregularly shaped plane lamina • Describe, qualitatively, the effect of the position of the centre of gravity on the stability of simple objects 	<ul style="list-style-type: none"> • PPT • VIDEOS • ASSIGNMENTS • TEST PAPERS
<p>CHEMISTRY</p>	<ul style="list-style-type: none"> • State how the atoms looks like • Structure of an atom with subatomic 	<ul style="list-style-type: none"> • Describe the structure of an atom with subatomic particles • State the relative charges and relative 	<ul style="list-style-type: none"> • PPT • Charts • Peer discussion • Activity sheets • Work book questions



<p>UNIT: Atoms Elements and Compounds</p> <p>LESSON: ATOMIC STRUCTURE AND PERIODIC TABLE</p>	<p>particles</p> <ul style="list-style-type: none"> Calculating and finding different atom's protons, electrons and neutrons Calculating mass number and giving examples Writing electronic configuration for first 20 elements 	<p>masses of a proton, neutron and electron</p> <ul style="list-style-type: none"> Define proton number/atomic number as the number of protons in the nucleus of an atom Define mass number/nucleon number as the total number of protons and neutrons in the nucleus of an atom Determine the electronic configuration of elements and their ions with proton number 1 to 20, e.g. 2,8,3 	<ul style="list-style-type: none"> Past papers questions Video Quizzes Making online atomic model
<p>BIOLOGY</p> <p>UNIT: Biological molecules</p> <p>LESSON: 4.1 Biological molecules</p>	<ul style="list-style-type: none"> Understand what biological molecules made of Test different molecules in the lab 	<ul style="list-style-type: none"> List the chemical elements that make up: carbohydrates, fats and proteins State that large molecules are made from smaller molecules, limited to: (a) starch, glycogen and cellulose from glucose (b) proteins from amino acids (c) fats and oils from fatty acids and glycerol Describe the use of: (a) iodine solution test for starch (b) Benedict's solution test for reducing sugars (c) biuret test for proteins (d) ethanol emulsion test for fats and oils (e) DCPIP test for vitamin C 	<ul style="list-style-type: none"> Worksheet Past papers Progressive test on chapter 3

<p>INFORMATION & COMMUNICATION TECHNOLOGY (ICT)</p> <p>UNIT: Chapter 2</p> <p>LESSON: Output devices</p>	<ul style="list-style-type: none"> Output devices 	<ul style="list-style-type: none"> Able to describe each output devices by stating their advantages and disadvantages. 	<ul style="list-style-type: none"> Teams PPTs Videos Assessments
<p>UAE STUDIES_ ARABIC</p> <p>UNIT: الوحدة الرابعة (قضايا اقتصادية)</p> <p>LESSON: الدرس الثاني (التكتلات الاقتصادية)</p>	<ul style="list-style-type: none"> مواصلة لدرس التكتلات الاقتصادية الرجاء احضار كتاب السنع: الدرس الأول: السنع الاماراتي 	<ul style="list-style-type: none"> حل الانشطة الواردة علي الدرس من الكتاب المدرسي صفحه 150 151 التعرف علي السنع و اهميته في مجتمع دولة الامارات 	<ul style="list-style-type: none"> مراجعة البوربوينت انشطة صفية اوراق عمل حل الانشطة بالكتاب المدرسي
<p>UAE STUDIES – ENGLISH</p> <p>UNIT: 1</p> <p>LESSON: Activity of Falaj system</p>	<ul style="list-style-type: none"> The change of seasons in UAE and the efforts made by the settlers to survive The relevance of Irrigation and its impacts in the Life of UAE 	<ul style="list-style-type: none"> The Alain Oasis and its functioning and its effects on the life of people The importance and influence of Falaj System on the life of people 	<ul style="list-style-type: none"> PPTs Research Videos
<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 and explaining the PED Calculation of the PED 	<ul style="list-style-type: none"> Progressive tests Case studies Structured questions

<p>ACCOUNTING</p> <p>UNIT: Purchase and purchase returns journal</p> <p>LESSON:</p>	<ul style="list-style-type: none"> • Purchase and purchase returns journal 	<ul style="list-style-type: none"> • To Formulate purchase and purchase returns journal to calculate the total credit purchases and returns 	<ul style="list-style-type: none"> • Formats • Structured questions • Assessments and Feedback
<p>BUSINESS STUDIES</p> <p>UNIT: 1</p> <p>LESSON:1.5</p>	<ul style="list-style-type: none"> • Forms of business organization 	<ul style="list-style-type: none"> • To evaluate the different forms of business organization 	<ul style="list-style-type: none"> • Progressive tests • Case studies • Data response questions
<p>URDU</p> <p>UNIT:</p> <p>LESSON:</p>	<ul style="list-style-type: none"> • Dialogue 	<ul style="list-style-type: none"> • To enhance the understanding of rules of dialogue writing and write dialogue on given topic. 	<ul style="list-style-type: none"> • Paper1 • Text book • Role play • Reading test
<p>PAKISTAN STUDIES</p> <p>UNIT:</p> <p>LESSON:</p>	<ul style="list-style-type: none"> • Pakistan's relations with Bangladesh • Pakistan's relations with Iran 	<ul style="list-style-type: none"> • To investigate the relations and issue between Pakistan's and Afghanistan • To Understand the relations between Pakistan, Iran & the impacts of Islamic revolution 	<ul style="list-style-type: none"> • Progressive Test • PPT's • Notebook • Maps • Class Quiz • Past Papers
<p>ENVIRONMENTAL MANAGEMENT</p> <p>UNIT: Water and its management</p> <p>LESSON:</p>	<ul style="list-style-type: none"> • precipitation, surface run-off, interception, infiltration, through-flow, ground water flow, transpiration, evaporation and condensation 	<ul style="list-style-type: none"> • describe and interpret the water cycle • describe the sources of fresh water used by people 	<ul style="list-style-type: none"> • PPT • Real life examples • Assignments