

AJB SECONDARY LEARNING TRAILS

Grade: 9

Date: Week 8 – 21st to 25th February 2022

SUBJECTS	LESSONS AND CONCEPTS	LEARNING OBJECTIVES	ASSIGNMENTS AND ASSESSMENT
<p>ARABIC LANGUAGE _ ARABS</p> <p>UNIT: الفصل الدراسي الثاني</p> <p>LESSON: التوكيد</p>	<ul style="list-style-type: none"> • التوكيد • التوكيد اللفظي • التوكيد المعنوي 	<ul style="list-style-type: none"> • أن يتعرف الطالب مفهوم التوكيد • أن يميز الطالب بين نوعي التوكيد • أن يستخرج الطالب التوكيد من الامثلة • أن يجيب الطالب عن الأسئلة 	<ul style="list-style-type: none"> • أوراق العمل • أنشطة تعليمية • أسئلة الكتاب المدرسي
<p>ARABIC LANGUAGE _ GENERAL</p> <p>UNIT: الوحدة الرابعة</p> <p>LESSON: فيلمي المفضل</p>	<ul style="list-style-type: none"> • فيلم - المفضل • يشاهد - يستمع • السينما - التلفاز 	<ul style="list-style-type: none"> • أن يستمع ويفهم المعنى الكلي لنص الاستماع • ان يتعرف المعلومات الواردة في نص الاستماع • أن يجيب عن أسئلة الاستماع • أن ينشئ حوارًا عن فيلمه المفضل 	<ul style="list-style-type: none"> • مناقشة العرض التقديمي • عرض نص الاستماع ومناقشته مع الطلاب • أنشطة إلكترونية
<p>ISLAMIC STUDIES _ ARABS</p> <p>UNIT: 4</p> <p>LESSON: سورة الواقعة 56-27</p>	<ul style="list-style-type: none"> • تلاوة الآيات بلغة سليمة • تفسير معاني المفردات • سدر • مخضوض • طلع 	<ul style="list-style-type: none"> • أن يتلو الطالب الآيات الكريمة تلاوة صحيحة مجودة • ويفسر الآيات تفسيرًا إجمالياً مع معانيها ويستنتج بعض دلالات الآيات • ووضح المواقف الواردة في الآيات واطبق القيم التي تضمنها الآيات الكريمة 	<ul style="list-style-type: none"> • حفظ الإيات • حفظ معاني الكلمات الجديدة • مراجعة البوربوينت

<p>ISLAMIC STUDIES – ENGLISH</p> <p>UNIT: 7</p> <p>LESSON: Islamic Community</p>	<ul style="list-style-type: none"> • Explain the life of Prophet SAW wives • Describe the life of Hazrat Ayesha R.A • Discuss the life HAZrat Khadija R.A 	<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 	<ul style="list-style-type: none"> • Online quiz • Discussion • PPT • Audiovisual • Group work • Assignment
<p>ENGLISH LANGUAGE</p> <p>UNIT: Summary Writing, Figures of Speech, Review Writing</p> <p>LESSON: Reading passage about the floating clinics in Nigeria, oxymoron and paradox, review writing on a restaurant</p>	<ul style="list-style-type: none"> • Identify relevant information and select correct details from a reading passage about the floating clinics in Lagos, Nigeria. • Compose a summary about the difficult conditions of the people living on the lagoon and the help received from MSF. • Compose 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>restaurant review that gives the reader some indication of the restaurants in town.</p> <ul style="list-style-type: none"> • Suggest a well-supported evaluation of a restaurant. • Help readers decide a good restaurant to dine in. 		
<p>MATHEMATICS</p> <p>UNIT: Geometry</p> <p>LESSON: polygons, parallel lines, Pythagoras theorem, circle theorem</p>	<ul style="list-style-type: none"> • To be able to work out the interior and exterior angles of a polygon • To know about angles in parallel lines • Define right angled triangle, arms of right angle, and hypotenuses. • Angles subtended by an arc in the same segment of a circle are equal • The angle subtended at the Centre of a circle is twice the angle subtended at the circumference 	<ul style="list-style-type: none"> • Acquisition (Read, Watch, Learn) • 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 • Level based task to develop the concept • Exercise questions for practice • Weekly class test • Weekly Assignment • Question of the day.

<p>PHYSICS</p> <p>UNIT: THERMAL PROCESS</p> <p>LESSON: RADIATION</p> <p>UNIT WAVES</p> <p>LESSON</p> <p>General properties of wave</p>	<ul style="list-style-type: none"> • the concept that waves transfer energy without transferring matter • the categories of transverse and longitudinal waves • Define wavelength, frequency, amplitude and wavespeed 	<ul style="list-style-type: none"> • Describe the effect of surface colour (black or white) and texture (dull or shiny) on the emission, absorption and reflection of infrared radiation • Know that waves transfer energy without transferring matter • Describe what is meant by wave motion as illustrated by vibrations in ropes and springs, and by experiments using water waves • Describe the features of a wave in terms of wavefront, wavelength, frequency, crest (peak), trough, amplitude and wave speed • Recall and use the equation $v = f\lambda$ 	<ul style="list-style-type: none"> • POWER POINT • VIDEOS • ASSIGNMENTS • TEXTBOOK QUESTIONS
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<p>CHEMISTRY</p> <p>UNIT:</p> <p>LESSON:</p> <p>Chemistry of the environment</p>	<ul style="list-style-type: none"> • Chemical tests for water using cobalt(II) chloride and copper(II) sulfate. • Percentage of different gases in air. • The composition of clean, dry air as being approximately 78% nitrogen, 21% oxygen, rest is a mixture of noble gases and carbon dioxide. • separation of oxygen and nitrogen from liquid air by fractional distillation. 	<ul style="list-style-type: none"> • Describe chemical tests for water using cobalt(II) chloride and copper(II) sulfate. • Percentage of different gases in air. • State the composition of clean, dry air as being approximately 78% nitrogen, 21% oxygen, rest is a mixture of noble gases and carbon dioxide. • Describe the separation of oxygen and nitrogen from liquid air by fractional distillation. 	<ul style="list-style-type: none"> • MS Teams Assignments • PPT • Past paper questions • worksheets
<p>BIOLOGY</p> <p>UNIT: Animal nutrition</p> <p>LESSON: 7.4</p> <p>Chemical digestion</p>	<ul style="list-style-type: none"> • Causes and symptoms of cholera. • Water absorption in small intestine and large intestine. 	<ul style="list-style-type: none"> • Explain that the cholera bacterium produces a toxin that causes secretion of chloride ions into the small intestine, causing osmotic movement of water into the gut, causing diarrhea, dehydration and loss of salts from blood. • State that water is absorbed in both the small intestine 	<ul style="list-style-type: none"> • MS Teams Assignments • Past paper questions



		and the colon, but that most absorption of water happens in the small intestine.	
<p>INFORMATION & COMMUNICATION TECHNOLOGY (ICT)</p> <p>UNIT: Applications of ICT</p> <p>LESSON: Measurement applications</p> <p>Practical: Database: MS Access</p>	<ul style="list-style-type: none"> • Measurement applications • ADC • disadvantages and disadvantages of using computers in measurement 	<ul style="list-style-type: none"> • Describe a range of measurement applications (e.g. scientific experiments, weather stations) • Explain the difference between analogue data and digital data • Explain the need for conversion between analogue and digital data • Describe the use of microprocessors and computers in several applications (e.g. pollution monitoring, intensive care units in hospitals) • Discuss the advantages and disadvantages of using computers in measurement rather than humans 	<ul style="list-style-type: none"> • MS Teams Assignments • Past paper questions (Paper2, Paper1)

<p>UAE STUDIES_ ARABIC</p> <p>UNIT: 2</p> <p>LESSON: زايد والمرأة الإماراتية</p>	<ul style="list-style-type: none"> • أن يتعرف الطالب على الدور التعليمي للمرأة • أن يعدد الطالب الدور الانتاجي للمرأة • أن يقدر الطالب الدور العملي التي تقدمها المرأة 	<ul style="list-style-type: none"> • عرض بوربوينت • عرض فيديو • عرض ورقة العمل • الحوار والمناقشة • التفكير الناقد • الألعاب التعليمية 	<ul style="list-style-type: none"> • مراجعة البوربوينت • حل ورقة العمل والتغذية الراجعة عليها • عمل المسابقات التعليمية
<p>UAE STUDIES – ENGLISH</p> <p>UNIT: 4</p> <p>LESSON:2 Early Development of the Nation</p>	<ul style="list-style-type: none"> • The early booming in the economy of UAE after the discovery of oil • The contribution made by various enterprises in the economy of UAE 	<ul style="list-style-type: none"> • Identify the Origins and contribution of ADNOC and ADIA to the UAE Economy • Explore how the population of UAE changed after 1970s • Consider the impact of those changes on the society of UAE 	<ul style="list-style-type: none"> • Live Teaching • PPT • Assignments
<p>ECONOMICS</p> <p>UNIT:</p> <p>LESSON:</p>	<ul style="list-style-type: none"> • Mixed economy 	<ul style="list-style-type: none"> • Discussion and explanations on the impact maximum and minimum prices 	<ul style="list-style-type: none"> • MS Teams live discussion • Data response question • Case studies
<p>ACCOUNTING</p> <p>UNIT: Verification</p> <p>LESSON: Control Account</p> <p>REVISION FOR FA2</p>	<ul style="list-style-type: none"> • Sales 	<ul style="list-style-type: none"> • To formulate sales ledger control account 	<ul style="list-style-type: none"> • MS FORMS • Topical Structured question • Revision questions
<p>BUSINESS STUDIES</p> <p>UNIT: 2</p> <p>LESSON: 7</p>	<ul style="list-style-type: none"> • Organization and Management 	<ul style="list-style-type: none"> • To identify various leadership styles that exist in the business organization 	<ul style="list-style-type: none"> • MS Teams live discussion • Data response question • Case studies

		<ul style="list-style-type: none"> To evaluate the various leadership styles. 	
<p>PAKISTAN STUDIES</p> <p>UNIT:</p> <p>LESSON:</p> <p>Agriculture Development</p>	<ul style="list-style-type: none"> To understand the different crops and livestock. 	<ul style="list-style-type: none"> Learning from discussion Learning from Practice Quiz 	<ul style="list-style-type: none"> PPT Live teaching Quiz and assignments
<p>GEOGRAPHY</p> <p>UNIT: Industry</p> <p>LESSON: Case studies</p>	<ul style="list-style-type: none"> Industrial zones and/or factories with respect to locational and siting factors Energy supply 	<ul style="list-style-type: none"> Industry types: manufacturing, processing, assembly and high technology industry Non-renewable fossil fuels including coal, oil and natural gas. Renewable energy supplies including geothermal, wind, HEP, wave and tidal power, solar power and biofuels 	<ul style="list-style-type: none"> Live teaching Quiz Assignments Assessment