

LEARNING TRAILS

AJB SECONDARY

Grade: 12

Date: Week 12 – 14th to 18th November 2022

SUBJECTS	LESSONS AND CONCEPTS	LEARNING OBJECTIVES	ASSIGNMENTS AND ASSESSMENT
ARABIC LANGUAGE _ ARABS UNIT: الفصل الأول LESSON: أفعال المقاربة والرجاء والشروع	<ul style="list-style-type: none"> أفعال المقاربة أفعال الشروع أفعال الرجاء 	<ul style="list-style-type: none"> أن يعدد الطالب أفعال المقاربة والرجاء والشروع أن يعرب الطالب الجمل التي تتضمن أفعال المقاربة والرجاء والشروع إعراباً صحيحاً أن يوظف الطالب أفعال المقاربة والرجاء والشروع في جمل مفيدة مع ضبط أواخر الكلمات 	<ul style="list-style-type: none"> حل التمرينات التي يتضمنها الكتاب المدرسي ص 61-48 الواجب: حل تمرينات من منصة ألف <p>https://www.loveworksheets.com/oe1271872bv</p>
ARABIC LANGUAGE_ GENERAL HG UNIT: 1 LESSON: الشبكة العنكبوتية	<ul style="list-style-type: none"> إيجابيات سلبيات خدمة منعزل التواصل تشجيع 	<ul style="list-style-type: none"> أن يقرأ قراءة سليمة خالية من الأخطاء أن يتعرف على المفردات الجديدة أن يستخرج الأفكار الرئيسة والفرعية 	<ul style="list-style-type: none"> العروض التقديمية أوراق العمل الأنشطة الواجبات حل ورقة العمل المرسلة على التيم https://cutt.us/LzJuw https://cutt.us/TwjWY
ISLAMIC STUDIES_ ARABS UNIT:2 LESSON: مقاصد التشريع	<ul style="list-style-type: none"> علم المقاصد جانب الوجود جانب الحماية حفظ النفس حفظ العقل 	<ul style="list-style-type: none"> أن يوضح مفهوم علم المقاصد أن يبين فوائد دراسة مقاصد الشريعة أن يحدد علاقة المقاصد والضروريات بغيرها أن يستنتج وسائل حفظ مقاصد التشريع الخمسة 	<ul style="list-style-type: none"> مراجعة البوربوينت للدرس أنشطة صفية أوراق عمل حل أنشطة الطالب للدرس

LEARNING TRAILS

AJB SECONDARY

<p>ISLAMIC STUDIES – ENGLISH</p> <p>UNIT: 2</p> <p>LESSON: Shaikha Fatima Bint Mubarak</p>	<ul style="list-style-type: none"> • Explain the life of Shaikha Fatima Bint Al Mubarak • Explain the struggle of Shaikha Fatima for education 	<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>MATHEMATICS</p> <p>UNIT: Integration</p> <p>LESSON: DEFINITE INTEGRALS</p>	<ul style="list-style-type: none"> • To be able to integrate the, logarithmic, exponential, trigonometric functions 	<ul style="list-style-type: none"> • Learning by recalling definite integrals, learning by recalling derivative of those functions. 	<ul style="list-style-type: none"> • Topical questions from past papers.
<p>PHYSICS</p> <p>UNIT: Magnetic field</p>	<ul style="list-style-type: none"> • Current Balance • Hall probe • Moving charged particle through uniform magnetic field • Paper 5 – Question2 	<ul style="list-style-type: none"> • Should be able to explain how to use current balance and Hall probe to measure flux density and solve problems using magnetic force equations 	<ul style="list-style-type: none"> • Sample questions progressive task and 2017 paper 52
<p>CHEMISTRY</p> <p>UNIT: 27</p> <p>LESSON: group 2</p>	<ul style="list-style-type: none"> • Similarities and trends in the properties of the Group 2 metals, magnesium to barium, and their compounds 	<ul style="list-style-type: none"> • Describe and explain qualitatively the trend in the thermal stability of the nitrates and carbonates including the effect of ionic radius on the polarization of the large anion • Describe and explain qualitatively the variation in 	<ul style="list-style-type: none"> • Questions from past papers and text book.

LEARNING TRAILS

AJB SECONDARY

		<p>solubility and of enthalpy change of solution, ΔH^\ominus</p> <ul style="list-style-type: none"> Sol, of the hydroxides and sulfates in terms of relative magnitudes of the enthalpy change of hydration and the lattice energy 	
<p>BIOLOGY</p> <p>UNIT:</p> <p>LESSON:</p> <p>Control and Coordination</p>	<ul style="list-style-type: none"> Neuromuscular junctions Structure of Muscle Sliding filament theory Coordination in Plants Role of gibberellin Auxin and cell elongation 	<ul style="list-style-type: none"> Explain the role of neuromuscular junctions Describe the ultrastructure of striated muscle and explain sliding filament theory Describe the response of Venus fly trap Explain the role of Gibberellin in seed germination Describe coordination in Plants Describe the role of Auxin in cell elongation 	<ul style="list-style-type: none"> Topical papers Activity sheet Progressive test Mini plenary
<p>INFORMATION TECHNOLOGY (IT)</p> <p>UNIT: 14</p> <p>LESSON:</p> <p>Communications technology</p>	<ul style="list-style-type: none"> Types of networks Characteristics and uses of each type. The role of components in a network 	<ul style="list-style-type: none"> Describe client-server, peer-to-peer, Virtual Private Network (VPN), mobile networks. Describe Characteristics including: protocols associated with each type of network such as those used to increase privacy and security (e.g. tunneling, transport layer security (SSL/TLS), Internet Protocol Security), Bit Torrent for transferring large files. Discuss the role of components including: network interface cards and wireless network interface cards repeaters, hubs, and switches wireless access points, gateways, bridges and routers firewalls (hardware and software) 	<ul style="list-style-type: none"> Case study Past paper Assignment



LEARNING TRAILS

AJB SECONDARY

<p>ECONOMICS</p> <p>UNIT:</p> <p>LESSON:</p>	<ul style="list-style-type: none"> • Market structures • Oligopoly • Monopolistic competition 	<ul style="list-style-type: none"> • Assessing equilibrium and output points in different market structures • Illustrating the equilibrium points and prices on the curves 	<ul style="list-style-type: none"> • Progressive tests • Structured questions • Case studies
<p>ACCOUNTING</p> <p>UNIT: Financial Accounting</p> <p>LESSON: Business Purchase</p>	<ul style="list-style-type: none"> • Mergers and Acquisitions 	<ul style="list-style-type: none"> • To account for mergers and acquisitions 	<ul style="list-style-type: none"> • Formats • Topical Problem solving questions • Assessment and grading
<p>BUSINESS STUDIES</p> <p>UNIT:</p> <p>LESSON:</p>	<ul style="list-style-type: none"> • Corporate culture 	<ul style="list-style-type: none"> • To evaluate different types of corporate culture and its impact on decision-making 	<ul style="list-style-type: none"> • Progressive Test • Solving case study