



LEARNING TRAILS AY 2024-25

GRADE: 11 TERM 1_WEEK 9 (21st to 25th October 2024)





ADVANCED ARABIC	GENERAL ARABIC
Topics:	Topics:
مرثية مالك بن الريب	سباق الهجن
Learning Objectives:	Learning Objectives:
أن يحدد الفكرة الرئيسة والفكر الفرعية في النص	
أن يستنتج الدلالات التعبرية والإحانية في النص	أن يتعرف الطالب على معنى الهجن
أن يفسر معانى المفردات في النص ويوظفها في مواقف	أن يذكر أنواع الهجن
حيايتية	أن يستنتج الكلمات الجديدة
Resources needed:	Resources needed:
الكتاب المدرسي - العرض التقديمي - أنشطة تعليمية	
Homework/Assignments:	الكتاب - العرض -الانترنت
حل أسئلة الكتاب المدرسي - حفظ أبيات القصيدة	Homework/Assignmen
-	اكتب فقرة عن أنواع الهجن
PHYSICS	BIOLOGY
Topics:	Topics: 2 &3
Forces density and pressure	Water & Enzymes
Learning Objectives:	,
understand that the weight of an object may be taken as	Learning Objectives: Water - explain how hydrogen
acting at a single point known as its centre of gravity define	bonding occurs between water molecules and relate
and apply the moment of a force	
understand that a couple is a pair of forces that acts to	the properties of water to its roles in living organisms,
produce rotation only define and apply the torque of a	limited to solvent action, high specific heat capacity
couple	and latent heat of vaporisation.
define and use density	
define and use pressure	Explain the mode of action of enzymes in terms of an
derive, from the definitions of pressure and density, the	active site, enzyme–substrate complex, lowering of
equation for hydrostatic pressure $\Delta p = \rho g \Delta h$	activation energy and enzyme specificity, including
use the equation $\Delta p = \rho g \Delta h$	the lock-and-key hypothesis and the induced-fit
	hypothesis.
Resources needed:	
Digital simulations (optional)	Resources needed:
Whiteboard & markers	https://www.youtube.com/watch?v=EeovHW0nBJ8
Metre rule or lever Diagrams for moments and couples	- LEGOTI WOLLD'S
(visual aids)	Homework/Assignments:
A worksheet for practice problems on moments and torque	Solve Past Paper questions 2018, Paper22
Torque simulation:	
https://phet.colorado.edu/en/simulation/legacy/torque	
Homework/Assignments:	
Activity sheet	





CHEMISTRY	ACCOUNTING
Topics: Enthalpy Change Learning Objectives: [1] understand that energy transfers occur during chemical reactions because of the breaking and making of chemical bonds [2] use bond energies (ΔH positive, i.e., bond breaking) to calculate enthalpy change of reaction, ΔHr [3] understand that some bond energies are exact, and some bond energies are averages Resources needed: • Khan Academy Chemistry • Textbook Homework/Assignments: Topical and textual questions	Topics: Accounts of Limited Company Learning Objectives: To formulate Income Statement of Limited Companies in the prescribed format in accordance with UK Companies Act . Resources needed: Text book PPT Task Sheets Homework/Assignments: Topical questions
ISLAMIC ARABIC	ISLAMIC EDUCATION
Topics: عزوة الأحزاب Learning Objectives: أن يتلو الطلاب الأيات تلاوة مجودة أن يستنتج الطلاب معاني مفردات الأيات الكريمة الكتاب المدرسي Resources needed: الكتاب المدرسي الكتاب المدرسي البوربوينت المسطة صفية المسوwork/Assignments: حل أنشطة الطالب بالكتاب المدرسي	Topics: Surah al Ahzab (9-20) The Battle of the Confederates Learning Objectives: Analyze the Quranic verses (9-20) of Surah al-Ahzab to comprehend the message of perseverance, faith, and divine assistance during the battle. Recognize the role of the Prophet Muhammad (PBUH) as a leader and the importance of unity and trust in Allah during challenging times. Resources needed: Quran with Tafseer





	Whiteboard or digital projector
	Homework/Assignments:
	Briefly introduce the verses of Surah al-Ahzab,
	providing context on when and why these verses
	were revealed.
ECONOMICS	BUSINESS
Topics:	Topics:
Shifts in demand and supply	Marketing strategy
Learning Objectives:	
	Learning Objectives:
To analyze the effects of shifts in demand and	To evaluate the relative advantages of mass
supply curves on equilibrium price and quantity	marketing and niche marketing
To analyze the relationships between different	To assess the significance of market segmentation
markets	and how this might be achieved
Resources needed:	Resources needed:
Smart board	E book
Textbook	Topical case studies
Topical questions	
Case studies	Homework/Assignments:
Homework/Assignments:	Practice end of chapter questions
Solve past papers questions	