



LEARNING TRAILS AY 2024-25

GRADE: 10

TERM 1_WEEK 2 (2nd to 6th September 2024)

ENGLISH	MATHEMATICS
<p>Topics: Specimen Speaking</p> <p>Learning Objectives: communicate a range of ideas, facts and opinions. demonstrate control of a range of vocabulary and grammatical structures. develop responses and maintain communication. demonstrate control of pronunciation and intonation</p> <p>Resources needed: Speaking cards, teachers note</p> <p>Homework/Assignments: Practice the next part of the speaking</p>	<p>Topics: Speed, Distance, Time</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">Understand the relationship between speed, distance, and time.Calculate the average speed from distance and timeCalculate the distance travelled from the speed and the time takenCalculate the time taken on a journey for the speed and the distance.Apply the concepts of speed, distance, and time to real-life scenarios. <p>Resources needed: Text book, Calculator</p> <p>Homework/Assignments: Daily Practice Questions, Past papers</p>
ADVANCED ARABIC	GENERAL ARABIC
<p>Topics: (حديث شريف) حسن الخلق</p> <p>Learning Objectives: أن يحفظ مجموعة من الآيات الكريمة والأحاديث الشريفة أن يحلل معانيها ضمن سياقاتها ملتفتا إلى خصائص النص القرآني والحديث النبوي فيها أن يفسر معاني المفردات ويوظفها في جمل من إنشائه</p> <p>Resources needed: الكتاب المدرسي - بوربوينت - اختبار الكتروني</p> <p>Homework/Assignments:</p>	<p>Topics: أنا مسؤول</p> <p>Learning Objectives: أن يتعرف الطالب المفردات الجديدة أن يتحدث الطالب عن المواطنة الصالحة أن يقدم الطالب أمثلة عن المواطن المسؤول بقوله وفعله</p> <p>Resources needed: الكتاب المدرسي بوربوينت أنشطة صافية تعليمية</p> <p>Homework/Assignments: أن يكتب الطالب فقرة عن المواطن الصالح وحب الوطن</p>



حل أسئلة الكتاب - حل أوراق العمل	
PHYSICS	BIOLOGY
<p>Topics: Electrical Quantities.</p> <p>Learning Objectives: Define electromotive force (e.m.f.) and P.D Describe the use of voltmeters (analogue and digital) with different ranges. Describe an experiment to determine resistance using a voltmeter and an ammeter and do the appropriate calculations.</p> <p>Sketch and explain the current–voltage graphs for a resistor of constant resistance, a filament lamp and a diode.</p> <p>Recall and use the following relationship for a metallic electrical conductor: a. resistance is directly proportional to length b. resistance is inversely proportional to cross-sectional area.</p> <p>Resources needed: Battery, Bulb, Resistance, Voltmeter, Ammeter,</p> <p>Homework/Assignments: Solving Past paper</p>	<p>Topics: 13.1 Excretion in humans</p> <p>Learning Objectives: Identify in diagrams and images the structure of the kidney, limited to the cortex and medulla Outline the structure and function of a nephron and its associated blood vessels Describe the role of the liver in the assimilation of amino acids by converting them to proteins Explain the importance of excretion, limited to toxicity of urea</p> <p>Resources needed: Lab session on fermentation using yeast Text book, videos and presentations.</p> <p>Homework/Assignments: Past papers, task sheets and diagrams.</p>
CHEMISTRY	ICT
<p>Topics: Chemical Energetics</p> <p>Learning Objectives: Interpret reaction pathway diagrams showing exothermic and endothermic reactions. Define activation energy. Draw and label reaction pathway diagrams for exothermic and endothermic reactions.</p>	<p>Topics: System Life cycle</p> <p>Learning Objectives: Discuss the significance of considering user requirements, business objectives, and technological feasibility in system development. Differentiate the advantages and disadvantages of each method.</p> <p>Resources needed:</p>



<p>State that bond breaking is an endothermic process and bond making is an exothermic process.</p> <p>Calculate the enthalpy change of a reaction using bond energies.</p> <p>Resources needed: Calculator, textbook, workbook, Bond energy chart</p> <p>Homework/Assignments: Daily Questions, Weekly Assignment and past paper questions.</p>	<p>Smart Board, Videos, PPTs, Past Paper Questions</p> <p>Homework/Assignments: Past paper questions</p>
<p style="text-align: center;">ISLAMIC ARABIC</p>	<p style="text-align: center;">ISLAMIC EDUCATION</p>
<p>Topics: سورة الكهف الآيات من 1-8</p> <p>Learning Objectives:</p> <p>- أن يتلو الطالب الآيات الكريمة تلاوة صحيحة مجودة - أن يفسر الآيات تفسيراً إجمالياً مع معانيها - أن يستنتج بعض دلالات الآيات وأوضح المواقف الواردة –</p> <p>Resources needed: الكتاب المدرسي بوربوينت أنشطة تعليمية</p> <p>Homework/Assignments: حفظ الآيات الكريمة مراعيًا أحكام التجويد حل أنشطة الطالب مراجعة البوربوينت</p>	<p>Topics: Surah al Kahf (1-8) Steadfastness to Truth</p> <p>Learning Objectives: Explain the meaning and translation of the Quranic Ayah. Discuss the Quranic verses and its theme and importance about the recitation of the surah kahf.</p> <p>Resources needed: Online quiz Discussion Daily life PPT Video Textbook</p> <p>Homework/Assignments: importance about the recitation of the surah kahf.</p>
<p style="text-align: center;">ACCOUNTING</p>	<p style="text-align: center;">BUSINESS STUDIES</p>
<p>Topics: Accounts of Clubs and Societies</p>	<p>Topics: Marketing, competition and customer needs</p>



Learning Objectives:

To formulate receipts and payments account
To formulate trading account for revenue generating activities

Resources needed:

Text book
PPT
Formats
Task Sheets

Homework/Assignments:

Prepare a write up on the functioning of Red crescent UAE

Learning Objectives:

To analyse the role of marketing.

Resources needed:

Text book
Past paper questions.
Case studies.

Homework/Assignments:

Solving past paper questions.

ECONOMICS

Topics:

Introduction to Gr.10 Economics topics
GOVERNMENT AND THE MACROECONOMY
4.1-The role of government

Learning Objectives:

- Icebreaker activities
- Define the role of government in an economy.
- Analyze the government's economic functions.

Resources needed:

Power point presentation
Textbook
Activity sheets

Homework/Assignments:

Do a research and find out whether all countries have same economic aims to achieve. Justify your answer.