



LEARNING TRAILS AY 2024-25

GRADE: 12

TERM 1_WEEK 4 (16th to 20th September 2024)

IT	MATHEMATICS
<p>Topics: System life cycle: The stages in the system life cycle.</p> <p>Learning Objectives: Analyze different methods of researching for a given situation.</p> <p>Describe content and purpose of specifications.</p> <p>Describe the advantages and disadvantages of the different methods of researching a given situation.</p> <p>Describe two types of data flow diagram.</p> <p>Design DFD for given system.</p> <p>Resources needed: Computer system. Smartboard. Past papers</p> <p>Homework/Assignments: Solve past paper questions. Assignments.</p>	<p>Topics: Algebra</p> <p>Learning Objectives: To be able to solve Modular inequalities. To be able to apply the knowledge of Remainder and Factor theorem</p> <p>Resources needed: Sample questions, past paper questions</p> <p>Homework/Assignments: TOPICAL PAST PAPER QUESTIONS.</p>



ADVANCED ARABIC	GENERAL ARABIC
<p>Topics: سيرة غيرية: سلطان بن سالم القاسمي</p> <p>Learning Objectives: أن يتتبع المتعلم الأثر الذي يتركه أسلوب الكاتب واستخدامه لبعض التقنيات البلاغية أن يتتبع المتعلم تقنية الوصف باستخدام الكاتب للتقنيات البلاغية</p> <p>Resources needed: الكتاب المدرسي - العرض التقديمي - الدفتر المدرسي</p> <p>Homework/Assignments: كتابة الموضوع الثاني المخصص لمهارة الكتابة في الدفتر</p>	<p>Topics:الدرس الثاني الوطن</p> <p>Learning Objectives: أن يتعرف المتعلم على مفردات الدرس أن يحدد المتعلم الفكرة الرئيسة والفكر الفرعية للدرس أن يستنتج المتعلم أهمية الوطن أن يكتب المتعلم فقرة عن دلة الإمارات كوطن يعيش</p> <p>Resources needed:</p> <p>Homework/Assignments:</p>
PHYSICS	BIOLOGY
<p>Topics: Temperature</p> <p>Learning Objectives: Should be able to Define thermal equilibrium Explain temperature scales Define specific heat and latent heat capacity and apply to solve problems.</p> <p>Resources needed: Calculator, copy book, panel board, sample questions</p> <p>Homework/Assignments: Topical Past papers – Gravitational field</p>	<p>Topics: Photosynthesis</p> <p>Learning Objectives: Able to explain light independent and dependent reactions Differentiate cyclic and non-cyclic photophosphorylation Analyse the factors affecting photosynthesis and interpret the related graph and diagrams</p> <p>Resources needed: Calculator, Copy book, stationaries, Topical questions</p> <p>Homework/Assignments: Solve the given topical questions</p>



CHEMISTRY	ACCOUNTING
<p>Topics: 25 Equilibrium</p> <p>Learning Objectives: Conjugate acid base pair, pH calculations for strong acids and alkalies, weak acids.</p> <p>Resources needed: Smart boards, pastpapers, textbook</p> <p>Homework/Assignments: Questions from text book</p>	<p>Topics: Investment Appraisal</p> <p>Learning Objectives To appraise capital investment projects using ARR and Payback methods</p> <p>Resources needed: Formula Sheet Task sheet Reading material</p> <p>Homework/Assignments: Topical questions</p>
ISLAMIC ARABIC	ISLAMIC EDUCATION
<p>Topics: مناهج المفسرين</p> <p>Learning Objectives: - أن يوضح المقصود بمناهج المفسرين - أن يميز بين مناهج المفسرين - أن يحدد التفسير المناسب حسب موضوع البحث - أن يقتدي بالعلماء في المنهجية العلمية في حياتهم</p> <p>Resources needed: الكتاب المدرسي البوربوينت أنشطة صفية</p> <p>Homework/Assignments: حل أنشطة الطالب بالكتاب المدرسي مراجعة البوربوينت للدرس</p>	<p>Topics: Methods of Qur'anic Exegesis</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">• Understand the different approaches scholars use in interpreting the Qur'an.• Identify the key differences between the literal, allegorical, and contextual methods of exegesis.• Explore examples of classical and contemporary tafsirs (interpretations)• <p>Resources needed:</p> <ul style="list-style-type: none">• Qur'an with English/Urdu translation and tafsir (preferably Tafsir ibn Kathir, Tafsir al-Jalalayn, or Tafsir al-Tabari).• Whiteboard and markers for outlining methods. <p>Homework/Assignments: Choose a verse from the Qur'an and interpret it using two different methods of tafsir.</p>



BUSINESS

Topics:

External economic influences on business activity

Learning Objectives:

- To analyse the macroeconomic objectives of governments
- To analyse the nature and causes of economic growth and its impact on business decisions
- To analyse the business cycle and its impact on business decisions
- To analyse the different causes of unemployment and inflation
- To evaluate how economic objectives and economic performance can impact business activity
- To evaluate the impact on business decisions of changes in monetary, fiscal, supply-side and exchange rate policies.

Resources needed:

Textbook

Case studies

Mark scheme of case studies

Homework/Assignments:

1. Use the internet, libraries or government agencies to research details of government support programmes for entrepreneurs in your own country.
- 2 Prepare a presentation in class about the benefits of this government support to entrepreneurs in your country.