



LEARNING TRAILS AY 2024-25

GRADE: 9

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

ENGLISH	MATHEMATICS
<p><u>Topics: Unit 3 FOOD</u> Article writing Linking devices</p> <p><u>Learning Objectives:</u> To write an article To use linking devices</p> <p><u>Resources needed:</u> Ppt Worksheet workbook</p> <p><u>Homework/Assignments:</u> Write an article</p>	<p><u>Topics:</u> Number</p> <p><u>Learning Objectives:</u> Recognise patterns in sequences and relationships between different sequences.</p> <ul style="list-style-type: none">• Find the nth term of linear sequences, simple quadratic and cubic sequences• Give appropriate upper and lower bounds for data given to a specified accuracy, e.g. measured lengths• Use the standard form $A \times 10^n$ where n is a positive or negative integer, and $1 \leq A < 10$. <p><u>Resources needed:</u> Sequence puzzle, match the sequence to the nth term rule https://pastpapers.co/cie/?dir=IGCSE%2FMathematics-0580</p> <p><u>Homework/Assignments:</u></p> <ul style="list-style-type: none">• Solve 5 even number questions from textbook Weekly Test (Every MONDAY)• Question of the day (Monday to Thursday 6:00pm to 11:59 pm)



ADVANCED ARABIC	GENERAL ARABIC
<p>Topics: قصة: الدرس الأخير</p> <p>Learning Objectives: أن يتعرف المتعلم مفهوم توقعات الحكمة ويميز صفات الشخصية في القصة أن يفسر الكلمات الجديدة مستخدماً المعجم الورقي أو الرقمي</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: بلد الأحلام</p> <p>Learning Objectives: أن يستمع الطالب جيداً للدرس أن يستخرج الكلمات الجديدة أن يتحدث عن بلد احلامه ان يوظف الكلمات الجديدة في جمل</p> <p>Resources needed: الانترنت الكتاب - العرض التقديمي</p> <p>Homework/Assignments: قارن بين بلد أحلامك والبلد الذي تعيش فيه حالياً</p>
PHYSICS	BIOLOGY
<p>Topics: Motion</p> <p>Learning Objectives: <u>Sketch</u>, plot and interpret speed-time graph Determine from given data or the shape of a speed–time graph when an object is moving with: a. constant acceleration b. changing acceleration</p> <p>Resources needed: PPT, Textbook, Task sheet</p> <p>Homework/Assignments: Worksheet</p>	<p>Topics: Classification of organisms, dichotomous key. Cell structure and organization</p> <p>Learning Objectives: State the main features used to place organisms into groups within the plant kingdom, limited to ferns and flowering plants State the features of viruses, limited to a protein coat and genetic material Describe and compare the structure of a plant cell with an animal cell. Describe the structure of a bacterial cell.</p> <p>Resources needed: PPT, Worksheets, videos, text book.</p> <p>Homework/Assignments: Diagrams with labels, class test on classification, worksheets.</p>



CHEMISTRY	ENVIRONMENTAL MANAGEMENT
<p>Topics: Atoms, Elements and Compounds</p> <p>Learning Objectives: Determine the electronic configuration of elements and their ions with proton number 1 to 20, e.g. 2,8,3 State that: (a) Group VIII noble gases have a full outer shell (b) the number of outer shell electrons is equal to the group number in Groups I to VII (c) the number of occupied electron shells is equal to the period number Define isotopes. State that isotopes of the same element have the same chemical properties. Interpret and use symbols for atoms and ions. Calculate the relative atomic mass of an element from the relative masses and abundances of its isotopes.</p> <p>Resources needed: The Periodic Table, Textbook, workbook</p> <p>Homework/Assignments: Daily Questions, Weekly assignment and Past Paper Questions.</p>	<p>Topics:</p> <p>Learning Objectives: Describe the sources of fresh water used by people. aquifers, wells, rivers, reservoirs, desalination plants Describe the different ways in which fresh water can be used. domestic, industrial, agricultural</p> <p>Resources needed: Past papers, PPT, Task sheets</p> <p>Homework/Assignments: Weekly assignment and Past Paper Questions</p>
ISLAMIYAT	ISLAMIC STUDIES
<p>Topics: Surah Al-Anaam</p> <p>Learning Objectives: Understand the main themes of Surah Al-Anaam, such as Tawheed (Oneness of Allah), the rejection of Shirk (polytheism), and the concept of divine guidance.</p>	<p>Topics: The Seven Grave Sins</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">• Understand the concept of major sins in Islam.• Identify the seven grave sins as mentioned in the Hadith.



Reflect on the lessons of Surah Al-Anaam related to the signs of Allah in creation.
Analyze the significance of the relationship between Allah and His creation as described in the Surah.

Resources needed:

- Quran (with translation and Tafseer)
- Whiteboard/marker or Smartboard for class notes
- Audio/visual material for Quranic recitation (if available)
- Tafseer Ibn Kathir (or any other reliable Tafseer book)

Homework/Assignments:

Memorization Assignment: Memorize verses 1-10 of Surah Al-Anaam, focusing on their meaning and context.

- Analyze the consequences of committing these sins in both worldly and spiritual contexts.
- Reflect on ways to seek forgiveness and avoid falling into these sins.

Resources needed:

- Holy Qur'an
- Hadith collection (e.g., Sahih Bukhari, Sahih Muslim)
- Islamic Studies textbook
- Projector for multimedia presentations
- Whiteboard/Markers

Homework/Assignments:

Research one major sin and find a Qur'anic verse and Hadith that speak about it, then write a summary.

URDU

Topics: درست عبارت سے بے ترتیب الفاظ ے ا
جملے پر ٹک کا نشان لگائیں
Multiple matching

Learning Objectives:

- نادیدہ اقتباسات سے متن کے اہم خیالات کو سمجھنا
طلباء ایک اقتباس کی بنیاد پر متعدد مماثل سوالات کے مؤثر طریقے سے جواب دینے کے لئے حکمت عملی سیکھیں گے اور مشق کریں گے
• درست جواب پر ٹک کا نشان لگانا۔

PAKISTAN STUDIES

Topics:

International Relations of Pakistan with China, Soviet Union, USA

Learning Objectives:

How successful has Pakistan been in its relations with China, the USSR/ Russia, and the USA.

Resources needed:

Projector, notebook, book, board.

Homework/Assignments:

Practice Questions



<p>Resources needed:</p> <p>ڈیجیٹل بورڈ کتاب۔ ۱</p> <p>Homework/Assignments:</p> <p>جماعت میں دئے گئے موضوع پر ۵ سے ۱۰ مثالیں کتابی میں لکھیں</p>	
ICT	TRAVEL AND TOURISM
<p>Topics:</p> <p>Operating system and User interfaces</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">• describe the functions of operating system• Identify the types of user interfaces <p>Resources needed:</p> <p>Textbook Videos Worksheets</p> <p>Homework/Assignments:</p> <p>Past paper questions</p>	<p>Topics:</p> <p>Sub sectors of tourism</p> <p>Learning Objectives:</p> <p>To explain any four subsectors of tourism To analyze the role of any four subsectors of tourism</p> <p>Resources needed:</p> <p>Text book Quizlet flash cards</p> <p>Homework/Assignments:</p> <p>Solving case study- uploaded in teams</p>
ACCOUNTING	BUSINESS STUDIES
<p>Topics:</p> <p>Ledger</p> <p>Learning Objectives:</p> <p>To post entries in ledger account base don double entry</p> <p>Resources needed:</p> <p>Text book Task sheet Format</p> <p>Homework/Assignments:</p>	<p>Topics:</p> <p>Classification of Business</p> <p>Learning Objectives:</p> <p>To explain different classes of business.</p> <p>Resources needed:</p> <p>Textbook Quizlet flash cards- link posted in teams</p> <p>Homework/Assignments:</p>



Text book question 1-4	Prepare a project showing the important types of business in the UAE.
ECONOMICS	MORAL, SOCIAL AND CULTURAL STUDIES
Topics: Opportunity cost Production Possibility curve Learning Objectives: - Define opportunity cost. - Calculate and analyze opportunity costs. - Understand the concept of the production possibility curve (PPC). - Analyze PPCs to assess trade-offs. Resources needed: MS Team activity sheet, PPT etc. Homework/Assignments: https://youtube.com/watch?v=x-hYzRncxTc	Topics: The Historical importance of Jabel Faya Learning Objectives: To explore the historical significance of Jabel Faya as a key archaeological site, revealing early human migration patterns and survival in prehistoric Arabia. Resources needed: Textbook PPT Videos Homework/Assignments: Research the archaeological discoveries at Jabel Faya and write a 300-word essay explaining how these findings contribute to our understanding of early human migration and survival.
UAE ARABIC	ISLAMIC ARABIC
Topics: الامارات نبض العالم الدرس: در دولة الامارات العربية المتحدة Learning Objectives: يتعرف المفاهيم و المصطلحات يوضح بنود الدستور و مواد يبين اهمية الدستور و القانون لدولة الامارات العربية المتحدة Resources needed: <ul style="list-style-type: none">• عرض تقديمي• أوراق عمل• أنشطة صفية الكتاب المدرسي Homework/Assignments:	Topics: (السبع الموبقات) حديث شريف Learning Objectives: أن يقرأ الطالب الحديث قراءة سليمة أن يتعرف الطالب على معاني المفردات الواردة في الحديث Resources needed: الكتاب المدرسي البوربوينت أنشطة صفية Homework/Assignments: حل أنشطة الطالب بالكتاب المدرسي حفظ الحديث الشريف الموجود بالدرس



بحث حول دستور دولة الامارات العربية المتحدة

مراجعة البوربوينت للدرس

ART AND DESIGN

Topics: Pencil Drawing & Shading with a Focus on Gustav Klimt

Learning Objectives:

- Learn essential pencil drawing the patterns and shading techniques using colour pencils.
- Explore the work of Gustav Klimt, focusing on his detailed approach to art.
- Create a pencil drawing inspired by Gustav, using shading to add depth and realism.

Resources needed:

- Pencils (HB, 2B, 4B, 6B)
- Drawing paper
- Erasers (kneaded and regular)
- Rulers
- Examples of Gustav Klimt's drawings (prints or digital images)

Homework/Assignments: