



## LEARNING TRAILS AY 2024-25

GRADE: 8

TERM 1\_WEEK 9 (21<sup>st</sup> to 25<sup>th</sup> October 2024)

ENGLISH	MATHEMATICS
<p><b>Topics:</b></p> <ol style="list-style-type: none"><li>1. Future Tense (Active and Passive)</li><li>2. Literary Device – Personification</li><li>3. Britain’s Biggest Robbery (SB P.No.43, Listening)</li><li>4. Lessons from Fukushima (Reading)</li><li>5. Reading Assessment</li></ol> <p><b>Learning Objectives:</b></p> <ol style="list-style-type: none"><li>1. Students will <i>evaluate</i> sentence structures in the future tense to <i>differentiate</i> between active and passive voice, and <i>construct</i> grammatically correct sentences in both voices.</li><li>2. <i>Students will analyze examples of personification, compare it with other literary devices like simile and metaphor, and create sentences that incorporate personification.</i></li><li>3. <i>Students will analyze the listening passage and apply active listening skills to complete summary-based questions effectively.</i></li><li>4. <i>Students will analyze the given reading passage to identify appropriate headings for each section, apply skimming and scanning techniques, and evaluate how well different headings summarize each section of the text.</i></li></ol> <p><b>Resources needed:</b> Smartboard, Laptop, speedy net connection, markers, worksheets, Student Book, Workbook, listening audios.</p>	<p><b>Topics:</b> Formula</p> <p><b>Learning Objectives:</b></p> <ul style="list-style-type: none"><li>• To multiply and divide using directed numbers</li><li>• Evaluate using Substitution</li><li>• To be able to find the nth Term (formula) of the sequence</li><li>• To be able to find any term in the sequence</li></ul> <p><b>Resources needed:</b></p> <ul style="list-style-type: none"><li>• PPTs</li><li>• Textbook</li><li>• ATS worksheet</li></ul> <p><b>Homework/Assignments:</b></p> <ul style="list-style-type: none"><li>• Daily Homework (5 Questions)</li><li>• QOD (Before 9pm)</li><li>• Weekly Test</li><li>• Weekly Assignment</li></ul>



<p><b>Homework/Assignments:</b> Read article &amp; create headings, sentence construction in Future active &amp; Passive, write a poem and sing it, listen to the news clip and complete the summary.</p>	
<p><b>ADVANCED ARABIC</b></p>	<p><b>GENERAL ARABIC</b></p>
<p><b>Topics:</b> <u>قصيدة - يوم الشهيد</u></p> <p><b>Learning Objectives:</b> <u>أن يحدد المعنى الإجمالي للنص والفكر الرئيسية والفرعية</u> <u>أن يستنتج الدلالات التعبيرية والإيحائية في النص</u> <u>أن يفسر معاني المفردات ويوظفها في جمل من إنشائه</u></p> <p><b>Resources needed:</b> <u>الكتاب المدرسي = العرض التقديمي = أنشطة تعليمية</u></p> <p><b>Homework/Assignments:</b> حل أسئلة الكتاب المدرسي = كتابة موضوع تعبير عن يوم الشهيد</p>	<p><b>Topics:</b> <u>جيل السلامة</u></p> <p><b>Learning Objectives:</b> <u>أن يتعرف الطالب المفردات الجديدة</u> <u>أن يذكر الطالب المحاور الأساسية لنهضة المجتمع</u> <u>أن يجيب الطالب عن الأسئلة</u></p> <p><b>Resources needed:</b> <u>الكتاب المدرسي - بوربوينت - أنشطة صفية تعليمية</u></p> <p><b>Homework/Assignments:</b> <u>أن يكتب الطالب نصا عن اهتمام دولة الإمارات بالصحة والتعليم</u></p>
<p><b>PHYSICS</b></p>	<p><b>BIOLOGY</b></p>
<p><b>Topics:</b> 12.1 ENERGY NEEDS</p> <p><b>Learning Objectives:</b> Students should be able to: 1. Define energy needs as the requirement for energy to power various activities and processes. 2. Identify and classify different sources of energy, such as fossil fuels, renewable energy, and alternative energy. 3. Understand the advantages and disadvantages of each energy source. 4. Analyze the impact of energy consumption on the environment and society.</p>	<p><b>Topics:</b> • Food and nutrition- Balanced diet components</p> <p><b>Learning Objectives:</b> • Describe and explain the main types of nutrients and their functions • Differentiate between carbohydrates and protein • Describe and explain lipids and vitamins and their functions • Identify the main sources of lipids(fats) and vitamins</p> <p><b>Resources needed:</b></p>



5. Explore potential solutions for meeting future energy needs sustainably.

**Resources needed:**

<https://www.youtube.com/watch?v=Llzq9YMsPP8>

PPT, Text book

**Homework/Assignments:**

Worksheet

Prepare short note on Energy industry in the UAE

- Smart board
- Power point presentation
- Textbook
- Copybook

**Homework/Assignments:**

- Students will solve topic related worksheet [ Uploaded on teams] Education
- Textbook 2 -Q3 & 4 PG –34-35

**CHEMISTRY**

**FRENCH**

**Topics: 7. Physical and Chemical Change**

**7.1**

**Learning Objectives:**

- o Understand the difference between physical and chemical changes.
- o Identify examples of physical and chemical changes in everyday life.
- o Explain the underlying processes involved in physical and chemical changes.
- o Apply knowledge of physical and chemical changes to solve problems and make predictions.

**Resources needed:**

<https://wordwall.net/resource/29544188/science/physical-or-chemical-change>

<https://wordwall.net/resource/37592335/physical-and-chemical-change>

[ppt](#)

[video](#)

**Homework/Assignments:**

- When vinegar and baking soda are mixed, bubbles form. Is this a physical or chemical change? What observable signs suggest that a new substance has been formed?
- Choose **one example** of a **physical change** and **one example** of a **chemical change** from everyday life.

**Topics:**

Les expressions avec avoir.

**Learning Objectives:**

- Comprendre et utiliser les expressions courantes avec avoir.
- Différencier l'utilisation littérale et idiomatique de 'avoir.
- Pratiquer l'utilisation de ces expressions dans des phrases et des contextes réels

**Resources needed:**

- \* Power Point
- \* Audio Power point intégré
- \* Vidéo Power point intégrée.
- \* Enseignement en direct.

**Homework/Assignments:**

FA 1 will be conducted this week.



Describe each example and explain why it is classified as either physical or chemical.

ISLAMIC ARABIC

**Topics:**

(سورة يس (11 – 19)

أصحاب القرية

**Learning Objectives:**

أن يتلو الطالب الآيات تلاوة سليمة

أن يفسر الطالب معاني المفردات الواردة في الآيات

أن يتعرف الطالب على المعنى الإجمالي للآيات

**Resources needed:**

الكتاب المدرسي

السيورة الذكية

البوربوينت

أنشطة صفية

**Homework/Assignments:**

حل أنشطة الطالب بالكتاب المدرسي

حفظ الآيات الكريمة

مراجعة البوربوينت للدرس

ISLAMIC STUDIES

**Topics:**

People of the City (Surah Yaseen 13-19)

**Learning Objectives:**

Students should understand the historical and religious background of the story mentioned in Surah Yaseen (Ayahs 13-19).

Grasp the lessons about faith, the role of messengers, and the consequences of rejecting divine guidance.

**Resources needed:**

Tafsir Book or notes

Audio Resource for listening to the recitation (with tajweed focus).

Whiteboard/Projector for classroom discussions and presentations.

**Homework/Assignments:**

Students should memorize Ayahs 13-19 with correct tajweed. Record and submit an audio or video of their recitation.



URDU	PAKISTAN STUDIES
<p><b>Topics:</b> نوٹس بنانا</p> <p><b>Learning Objectives:</b> دی گئی عبارت کو سمجھ کر اشاروں کی مدد سے نوٹس بنانا</p> <p><b>Resources needed:</b> کتاب ۱، لیپ ٹاپ، ڈیجیٹل بور</p> <p><b>Homework/Assignments:</b> ایف. اے، جماعت میں دئے گئے ۴ صفحات مکمل کریں</p>	<p><b>Topics:</b> Allternate energy</p> <p><b>Learning Objectives:</b> The mechanism of wave and geothermal power</p> <p><b>Resources needed:</b> PPTS Books Notebooks White board</p>
ICT	HISTORY & GEOGRAPHY
<p><b>Topics:</b> Students will be able to:</p> <p><b>Learning Objectives:</b> LO1: To define what is a query LO2: Apply Queries in MS access</p> <p><b>Resources needed:</b> Projector/Smartboard Laptop Worksheet Video/s</p> <p><b>Homework/Assignments:</b> Do you think MS access is useful in the business sectors in UAE. Justify your answer with an example? (HOTS)</p>	<p><b>Topics:</b> Population distribution</p> <p><b>Learning Objectives:</b> To understand factors influencing population growth, distribution, and change, including birth rate, death rate, migration, and policies.</p> <p><b>Resources needed:</b> PPTS Videos Worksheets</p> <p><b>Homework/Assignments:</b> Research population trends in Canada, analyzing factors like birth rate, death rate, migration, and government policies influencing changes.</p>



MORAL, SOCIAL AND CULTURAL STUDIES	UAE ARABIC
<p><b>Topics:</b> West African Islamic civilizations</p> <p><b>Learning Objectives:</b> To explore the rise, cultural achievements, and influence of West African Islamic civilizations.</p> <p><b>Resources needed:</b> PPTS Videos Textbook Activities</p> <p><b>Homework/Assignments:</b> Design a placard showcasing the achievements and trade networks of African countries emphasizing their Islamic influence.</p>	<p><b>Topics:</b> الوحدة : الامارات و العالم الدرس : سكان العالم العوامل المؤثرة في توزيع السكان</p> <p><b>Learning Objectives:</b> يستنتج العوامل الطبيعية و البشرية المؤثرة في توزيع السكان</p> <p><b>Resources needed:</b> الكتاب المدرسي السبورة الذكية البوربوينت أنشطة صفية</p> <p><b>Homework/Assignments:</b> بحث عن العوامل المؤثرة في التوزيع السكاني في دولة الامارات العربية المتحدة</p>
ART	
<p><b>Topics:</b> Drawing Anime Face</p> <p><b>Learning Objectives:</b></p> <ul style="list-style-type: none"><li>- Teach students the basic structure of anime character faces and bodies</li><li>- Guide students to design and draw their own anime characters by the end of the lesson.</li></ul> <p><b>Resources needed:</b></p> <ul style="list-style-type: none"><li>• Pencils (2B, 4B)</li><li>• Erasers</li><li>• Drawing Book</li><li>• Black marker</li><li>• Rulers (optional)</li><li>• colours</li></ul>	