



## LEARNING TRAILS AY 2025-26

GRADE: 7

TERM 3\_WEEK 3 ( April 6<sup>th</sup> – 10<sup>th</sup> April 2026 )

ENGLISH	MATHEMATICS
<p><b>Topics:</b>  <b>Reading Comprehension</b> – GL model passage  <b>Speaking</b> – Cambridge IGCSE model  <b>Writing:</b> Review Writing  <b>GL Based Practice:</b>            1. Subject Verb Agreement            2. Punctuation            3. Spelling Errors  <b>Learning Objectives:</b></p> <ul style="list-style-type: none"> <li>• Demonstrate understanding of a text by identifying explicit information, making inferences, and analysing language use.</li> <li>• Communicate ideas clearly and confidently using appropriate vocabulary, accurate grammar, and relevant supporting detail.</li> <li>• Produce a structured review that presents clear opinions, justifications, and recommendations using appropriate tone and organisation.</li> <li>• Apply accurate grammar, punctuation, and spelling to construct clear and correct sentences.</li> </ul> <p><b>Resources needed:</b></p> <ul style="list-style-type: none"> <li>• Past papers or practice questions</li> <li>• Marshall &amp; Cavendish Grade 7 English textbook</li> <li>• Pens, highlighters, and notebooks</li> </ul> <p><b>Homework/Assignments:</b></p> <ul style="list-style-type: none"> <li>• Grammar worksheet</li> <li>• GL Practice Paper</li> </ul>	<p><b>Topics:</b></p> <ul style="list-style-type: none"> <li>• Angles around a point</li> <li>• Alternate and Co-interior angles</li> </ul> <p><b>Learning Objectives:</b></p> <ul style="list-style-type: none"> <li>• To calculate angles around a point and understand that angles around a point sum to 360°.</li> <li>• To understand the concept of parallel lines and how a transversal forms an angle relationship.</li> <li>• To identify and recognise corresponding angles, alternate angles, and co-interior angles.</li> </ul> <p><b>Resources needed:</b>            Cambridge Lower Secondary Stage 8 Mathematics Students Book, Workbook, Notebook, smart board, white board and smart board marker</p> <p><b>Homework/Assignments:</b></p> <ul style="list-style-type: none"> <li>• Weekly worksheet</li> <li>• Weekly Test</li> <li>• GL Quiz</li> </ul>



ADVANCED ARABIC	GENERAL ARABIC
<p><b>Topics:</b> المفعول له</p> <p><b>Learning Objectives:</b> <u>أن يتعرف المتعلم المفعول له</u> <u>أن يميز بين المفعول له الفعول به</u> <u>أن يوظف المفعول له 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 - حل أوراق العمل</p>	<p><b>Topics:</b> القمر ( استماع )</p> <p><b>Learning Objectives:</b></p> <ul style="list-style-type: none"><li>• أن يستمع المتعلم إلى نص عن ظاهرة الخسوف باهتمام وتركيز.</li><li>• أن يحدد الفكرة العامة للنص المسموع .</li><li>• أن يتعرف المفردات الأساسية المرتبطة بظاهرة الخسوف (القمر، الأرض، الظل...).</li><li>• أن يجيب عن أسئلة بسيطة بعد الاستماع للنص.</li><li>• أن يعبر شفهيًا بجمل بسيطة عن ظاهرة خسوف القمر بأسلوبه الخاص.</li></ul> <p><b>Resources needed:</b> الكتاب المدرسي - العرض التقديمي - أنشطة تعليمية</p> <p><b>Homework/Assignments:</b> حل أسئلة الكتاب المدرسي- حل أوراق العمل</p>
PHYSICS	BIOLOGY
<p><b>Topics:</b> Reflection of Light</p> <p><b>Learning Objectives:</b></p> <ul style="list-style-type: none"><li>• To explain the law of reflection, stating that the angle of incidence equals the angle of reflection.</li><li>• To differentiate between specular and diffuse reflection.</li></ul> <p><b>Resources needed:</b> Cambridge Lower Secondary Science Student's book Stage 8, Workbook, Notebook, PPT, smart board, white board</p> <p><b>Homework/Assignments:</b> Weekly worksheet</p>	<p><b>Topics:</b> Food Chains &amp; Food Webs: UAE Ecosystems Project</p> <p><b>Learning Objectives:</b></p> <ol style="list-style-type: none"><li>1. <b>Construct a complete food web</b> by correctly connecting organisms using arrows to show the direction of energy flow.</li><li>2. <b>Classify and label organisms accurately</b> as producers, consumers, and decomposers within the food web.</li></ol> <p><b>Resources needed:</b> Food chains and food webs notes pdf,ppt, videos, stem website, Sheppard Software food chain games BBC Bitesize food web animations, plant and animal magazines</p> <p><b>Homework/Assignments:</b> Quizzes, worksheets</p>



CHEMISTRY	FRENCH
<p><b>Topics:</b> Metals &amp; Oxygen: Investigating Chemical Reactions Project</p> <p><b>Learning Objectives:</b></p> <ul style="list-style-type: none"><li>★ Develop understanding of metal reactions by adding examples, writing correct word equations, and identifying metal oxide products.</li><li>★ Communicate understanding of reactions by creating a clear final poster/slide with accurate word equations and simple explanations.</li></ul> <p><b>Resources needed:</b></p> <ul style="list-style-type: none"><li>• BBC Bitesize Chemistry</li><li>• Reaction videos (YouTube), Cambridge lower secondary science students book 8 page119, Workbook 8 page 54</li></ul> <p><b>Homework/Assignments:</b> End of unit questions</p>	<p><b>Topics:</b></p> <ul style="list-style-type: none"><li>• Le participe passé des verbes irréguliers</li><li>• Le passé composé des verbes irréguliers avec <b>avoir</b></li><li>• Class test</li></ul> <p><b>Learning Objectives:</b></p> <ul style="list-style-type: none"><li>• Identifier le participe passé des verbes irréguliers.</li><li>• Former correctement le passé composé avec l’auxiliaire <b>avoir</b>.</li><li>• Utiliser les verbes irréguliers au passé composé dans des phrases simples.</li><li>• Développer la capacité à parler et écrire sur des actions passées.</li><li>• Appliquer les connaissances dans un court test d’évaluation.</li></ul> <p><b>Resources needed:</b></p> <ul style="list-style-type: none"><li>• PowerPoint interactif (présentation du cours)</li><li>• Fiches d’exercices / worksheets</li><li>• Vidéo explicative courte</li><li>• Tableau blanc / tableau interactif (ou Microsoft Teams tools)</li><li>• Quiz en ligne (Kahoot / Quizizz / MS Forms)</li><li>• Flashcards des verbes irréguliers</li></ul> <p><b>Homework/Assignments:</b> Écrire 5–8 phrases sur “Ce que j’ai fait hier” en utilisant des verbes irréguliers. Compléter une fiche d’exercices sur le passé composé (verbes irréguliers avec <b>avoir</b>).</p>
ISLAMIC ARABIC	ISLAMIC STUDIES
<p><b>Topics:</b> ( كفالة اليتيم ) حديث شريف</p> <p><b>Learning Objectives:</b></p> <ul style="list-style-type: none"><li>• أن يعرّف الطالب مفهوم كفالة اليتيم تعريفًا صحيحًا.</li></ul>	<p><b>Topics:</b> TAKING CARE OF ORPHAN</p> <p><b>Learning Objectives:</b></p> <ul style="list-style-type: none"><li>• Define the term <i>orphan (yateem)</i> in Islam.</li></ul>



<ul style="list-style-type: none"><li>• أن يعدد الطالب فضل كفالة اليتيم كما ورد في النصوص الشرعية.</li><li>• أن يوضح الطالب صور رعاية اليتيم في الحياة اليومية.</li><li>• أن يستنتج الطالب أثر كفالة اليتيم في تحقيق التكافل الاجتماعي.</li></ul> <p><b>Resources needed:</b></p> <ul style="list-style-type: none"><li>• الكتاب المدرسي</li><li>• (PowerPoint) عرض تقديمي</li><li>• مقطع فيديو قصير عن رعاية الأيتام</li><li>• الإنترنت</li><li>• منصات الكترونية كويزز - وردوال</li></ul> <p><b>Homework/Assignments:</b></p> <ul style="list-style-type: none"><li>• حفظ الحديث الشريف</li><li>• مراجعة العرض التقديمي للدرس</li><li>• حل أنشطة الكتاب المدرسي</li></ul>	<ul style="list-style-type: none"><li>• <b>Explain</b> the importance of caring for orphans based on Qur'an and Hadith.</li><li>• <b>Identify</b> the rewards promised by Allah for supporting orphans.</li><li>• <b>Demonstrate</b> positive attitudes such as kindness, empathy, and responsibility toward orphans.</li></ul> <p><b>Resources needed:</b></p> <ul style="list-style-type: none"><li>• Qur'an (physical or digital)</li><li>• PowerPoint slides / whiteboard</li><li>• Short video on helping orphans (10–15 minutes)</li><li>• Chart paper / markers</li><li>• Real-life case study or story</li><li>• Sticky notes for student reflection</li></ul> <p><b>Homework/Assignments:</b></p> <p>Write 5–7 sentences on:</p> <p><i>“Why should we care for orphans and how can I help them?”</i></p>
<p style="text-align: center;"><b>URDU</b></p>	<p style="text-align: center;"><b>PAKISTAN STUDIES</b></p>
<p><b>Topics:</b></p> <p style="text-align: center;">موضوع : تفہیم : ٹیلی ویژن</p> <p><b>Learning Objectives:</b></p> <ul style="list-style-type: none"><li>• عبارت پڑھ کر خیالات اور آرائ کو سمجھنا</li><li>• پوچھے گئے سوالات کے جوابات لکھنا اور پڑھنا</li></ul> <p><b>Resources needed:</b></p> <p>ہائی لائٹرز، لیپ ٹاپ، پروجیکٹر، اور نوٹ بک۔ کتاب ۱۔</p> <p><b>Homework/Assignments:</b></p> <p style="text-align: right;">صفحہ: ۴۴-۴۳</p>	<p><b>Topic:</b> Forests and Their Types in Pakistan</p> <p><b>Learning Objectives:</b></p> <ul style="list-style-type: none"><li>• Examine the ecological and economic importance of forests in Pakistan</li><li>• Differentiate between major forest types based on climate and location</li><li>• Analyze the distribution of forests across regions of Pakistan</li><li>• Evaluate challenges such as deforestation and suggest sustainable solutions</li></ul> <p><b>Resources Needed:</b></p>



	<ul style="list-style-type: none"> <li>• Map of Pakistan (showing forest regions)</li> <li>• Textbook / PPT slides</li> <li>• Images/videos of different forest types</li> <li>• Whiteboard and markers</li> </ul> <p><b>Homework/Assignments:</b></p> <ul style="list-style-type: none"> <li>• Draw a labeled map of Pakistan showing major forest types</li> <li>• Write a short paragraph on the importance of forests in Pakistan’s economy</li> <li>• Research one forest type and present its key features in class</li> </ul>
<b>ICT</b>	<b>HISTORY &amp; GEOGRAPHY</b>
<p><b>Topics:</b> Python Basics</p> <p><b>Learning Objectives:</b></p> <ul style="list-style-type: none"> <li>• Able to define python mode</li> <li>• Able to define tokens</li> </ul> <p><b>Resources needed:</b></p> <ul style="list-style-type: none"> <li>• PowerPoint</li> <li>• Textbook</li> <li>• Notebook</li> </ul> <p><b>Homework/Assignments:</b></p> <ul style="list-style-type: none"> <li>• Worksheet</li> <li>• Assignment</li> </ul>	<p><b>Topics: Causes of the American Revolution</b></p> <p><b>Learning Objectives:</b> Students will be able to <b>identify and explain at least two causes of the American Revolution</b> by completing a worksheet with <b>80% accuracy</b> by the end of the lesson.</p> <p><b>Resources needed:</b></p> <ul style="list-style-type: none"> <li>• Presentation slides (PowerPoint / Google Slides)</li> <li>• Short educational video on causes of the American Revolution</li> <li>• Interactive worksheet (Google Forms / Liveworksheets)</li> <li>• Online quiz tool (Kahoot / Quizizz)</li> <li>• Collaboration board (Padlet / Linoit)</li> <li>• Polling tool (Mentimeter)</li> <li>• Virtual whiteboard (Jamboard / Whiteboard.fi)</li> <li>• Digital map of the 13 colonies</li> <li>• MS Teams</li> </ul> <p><b>Homework/Assignments:</b></p> <ul style="list-style-type: none"> <li>• Complete a worksheet on key events (e.g., taxes, protests).</li> </ul>



	<ul style="list-style-type: none"><li>• Create a simple poster showing one major cause (e.g., “No Taxation Without Representation”).</li></ul>
<b>MORAL, SOCIAL AND CULTURAL STUDIES</b>	<b>UAE ARABIC</b>
<p><b>Topics:</b> Culture of Central Asia</p> <p><b>Learning Objectives:</b> Students will be able to <b>identify and describe at least two cultural features of Central Asia</b> (food, clothing, traditions, or festivals) by completing a worksheet with <b>80% accuracy</b> by the end of the lesson.</p> <p><b>Resources needed:</b></p> <ul style="list-style-type: none"><li>• Presentation slides (PowerPoint / Google Slides)</li><li>• Short educational video on causes of the American Revolution</li><li>• Interactive worksheet (Google Forms / Liveworksheets)</li><li>• Online quiz tool (Kahoot / Quizizz)</li><li>• Collaboration board (Padlet / Linoit)</li><li>• Polling tool (Mentimeter)</li><li>• Virtual whiteboard (Jamboard / Whiteboard.fi)</li><li>• Digital map of the 13 colonies</li><li>• MS Teams</li></ul> <p><b>Homework/Assignments:</b> Complete a worksheet on cultural features of Central Asia.</p>	<p><b>Topics:</b> النباتات المعمرة لدولة الامارات العربية المتحدة استخدامات النباتات المعمرة</p> <p><b>Learning Objectives:</b> يستعرض أهم استخدامات النباتات المعمرة لدولة الامارات العربية المتحدة يثمن دور دولة الامارات على الحفاظ على هذا الارث الطبيعي و على البيئة</p> <p><b>Resources needed:</b> اكتاب المدرسي العرض التقديمي أنشطة تفاعلية</p> <p><b>Homework/Assignments:</b> البحث في أهم استخدامات النباتات الطبيعية</p>
<b>ART</b>	
<p><b>Topics:</b> Gel Pen Drawing on Outline Image</p> <p><b>Learning Objectives:</b></p> <ol style="list-style-type: none"><li>1. To create neat and controlled lines using gel pens.</li><li>2. To fill an outline image carefully within boundaries.</li><li>3. To explore a variety of patterns such as dots, lines, and shapes.</li></ol>	



4. To develop creativity by combining patterns in a balanced design.

**Resources needed:**

- Printed outline image
- Black gel pens (or colored gel pens)

**Homework/Assignments:**