



## LEARNING TRAILS AY 2025-26

GRADE: 7

TERM 3\_WEEK 6 (April 27<sup>th</sup> – May 1<sup>st</sup> 2026)

ENGLISH	MATHEMATICS
<p><b>Topics:</b> <b>Reading Comprehension</b>-GL Model <b>Writing</b>- Review Writing (<i>Progressive Test</i>) <b>GL Practice:</b></p> <ol style="list-style-type: none"><li>1. Spelling</li><li>2. Punctuation</li><li>3. Subject-Verb Agreement</li></ol> <p><b>Learning Objectives:</b></p> <ul style="list-style-type: none"><li>• To accurately infer, interpret, and retrieve information from a GL-style text using evidence-based reading strategies.</li><li>• To listen actively and identify specific and implied information from an IGCSE-style audio text, demonstrating clear comprehension.</li><li>• To correctly transform direct speech into reported speech in the future tense using appropriate tense shifts and reporting verbs.</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>• Simultaneous Equation</li><li>• Interior and Exterior Angles of Triangles</li></ul> <p><b>Learning Objectives:</b></p> <ul style="list-style-type: none"><li>• To solve Simultaneous equation using Elimination method by eliminating one variable through addition or Subtraction.</li><li>• To classify triangles according to their side lengths (equilateral, isosceles, scalene)</li><li>• To apply the property, the sum of the interior angles of a triangle is <math>180^\circ</math> to determine unknown angles.</li></ul> <p><b>Resources needed:</b> Cambridge Lower Secondary Mathematics Stage 8 Student's Book, Notebook, smart board, white board and PPT</p> <p><b>Homework/Assignments:</b></p> <ul style="list-style-type: none"><li>• Weekly worksheet</li><li>• GL Practice Quiz</li><li>• Weekly Test (Every Thursday)</li></ul>



ADVANCED ARABIC	GENERAL ARABIC
<p><b>Topics:</b> نحو - العدد والمعدود</p> <p><b>Learning Objectives:</b></p> <ul style="list-style-type: none"><li>• أن يستخدم الطالب الأعداد استخدامًا صحيحًا في جمل مفيدة.</li><li>• أن يضبط المعدود من حيث الإعراب (مفرد، مثنى، جمع).</li><li>• أن يكتب الطالب خمس جمل تحتوي على أعداد صحيحة نحوياً.</li></ul> <p><b>Resources needed:</b> <u>الكتاب المدرسي - العرض التقديمي - أنشطة تعليمية</u></p> <p><b>Homework/Assignments:</b> حل أسئلة الكتاب المدرسي - تلخيص الفصل السابع من رواية الولد الذي عاش مع النعام</p>	<p><b>Topics:</b> ( الشمس ) قراءة - كتابة</p> <p><b>Learning Objectives:</b></p> <ul style="list-style-type: none"><li>• أن يقرأ الطالب نصًا بسيطًا عن الشمس قراءة صحيحة مع مراعاة مخارج الحروف والحركات.</li><li>• أن يحدّد الفكرة العامة للنص المقروء حول الشمس.</li><li>• أن يستخرج معلومات مباشرة من النص مثل: فوائد الشمس وأهميتها.</li><li>• أن يتعرّف مفردات جديدة مرتبطة بالشمس ويستخدمها في جمل مفيدة.</li><li>• أن يكتب الطالب جملاً بسيطة تصف الشمس أو أهميتها في حياتنا.</li></ul> <p><b>Resources needed:</b> العرض التقديمي - السبورة الذكية - كتاب الطالب - الدفتر</p> <p><b>Homework/Assignments:</b> حل أنشطة الكتاب المدرسي</p>
PHYSICS	BIOLOGY
<p><b>Topics:</b> Refraction of Light</p> <p><b>Learning Objectives:</b></p> <ul style="list-style-type: none"><li>• To explain that refraction is caused by a change in light speed.</li><li>• To describe real-life examples where refraction causes objects to appear distorted.</li></ul> <p><b>Resources needed:</b> Cambridge Lower Secondary Stage 8 Student's Book and Workbook, Notebook, PPT, whiteboard, and smart board.</p> <p><b>Homework/Assignments:</b></p> <ul style="list-style-type: none"><li>• Workbook Stage 8 –Page no.113</li><li>• GL Practice Quiz</li></ul>	<p><b>Topics:</b> 3.2 Human Impacts on the ecosystem</p> <p><b>Learning Objectives:</b> Describe bioaccumulation and its impact on an ecosystem.</p> <p><b>Resources needed:</b> Cambridge lower secondary science book 8 page 61, Workbook 8 page 28-31 Notebook, Environmental awareness videos, UN SDGs, WWF UAE Youth Resources National Geographic Kids: Conservation topics</p> <p><b>Homework/Assignments:</b> Workbook 8 page 28-29</p>



CHEMISTRY	FRENCH
<p><b>Topics:</b> 6.3 How do metals react with dilute acids</p> <p><b>Learning Objectives:</b></p> <ul style="list-style-type: none"><li>Describe reactions of metals with dilute hydrochloric or sulfuric acid.</li><li>Recognize the release of hydrogen gas.</li></ul> <p><b>Resources needed:</b></p> <ul style="list-style-type: none"><li>BBC Bitesize Reactions</li><li>Lab safety video, Cambridge lower secondary science students book 8 page 126, Workbook 8 page 58</li></ul> <p><b>Homework/Assignments:</b> Students book 8 page 133-134</p>	<p><b>Topics:</b> Le présent du verbe partir L'expression il faut + infinitif</p> <p><b>Learning Objectives:</b></p> <ul style="list-style-type: none"><li>Conjuguer le verbe <i>partir</i> au présent</li><li>Utiliser <i>il faut + infinitif</i> pour exprimer l'obligation</li><li>Produire des phrases simples (ex: Je pars à 8h / Il faut étudier)</li></ul> <p><b>Resources needed:</b></p> <ul style="list-style-type: none"><li>PPT + exemples</li><li>Tableau de conjugaison</li><li>Fiche d'activité</li></ul> <p><b>Homework/Assignments:</b></p> <ul style="list-style-type: none"><li>Écrire 3–5 phrases avec <i>partir</i></li><li>Écrire 3 phrases avec <i>il faut + infinitif</i></li><li>Compléter des phrases (exercice)</li></ul>
ISLAMIC ARABIC	ISLAMIC STUDIES
<p><b>Topics:</b> جزاء الإحسان – سورة الرحمن (54–78)</p> <p><b>Learning Objectives:</b></p> <ul style="list-style-type: none"><li>أن يتلو الطالب الآيات (54–78) من سورة الرحمن تلاوة صحيحة.</li><li>أن يفسر معاني المفردات الأساسية الواردة في الآيات.</li><li>أن يستنتج صور نعيم الجنة التي أعدها الله للمحسنين.</li><li>أن يوضح مفهوم الإحسان وعلاقته بالجزاء في الإسلام.</li><li>أن يطبق الطالب قيمة الإحسان في حياته اليومية.</li></ul> <p><b>Resources needed:</b></p> <ul style="list-style-type: none"><li>القرآن الكريم.</li><li>(PowerPoint) عرض تقديمي.</li><li>فيديو قصير يوضح معاني الآيات.</li></ul>	<p><b>Topics:</b> Reward of Good Deeds – Surah Ar-Rahman (54–78)</p> <p><b>Learning Objectives:</b></p> <ul style="list-style-type: none"><li>The student should be able to recite verses (54–78) of Surah Ar-Rahman correctly.</li><li>The student should be able to explain the meanings of key vocabulary found in the verses.</li><li>The student should be able to identify the descriptions of the blessings of Paradise prepared by Allah for the righteous.</li><li>The student should be able to explain the concept of <i>Ihsan</i> (excellence/goodness) and its relationship to reward in Islam.</li><li>The student should be able to apply the value of <i>Ihsan</i> in their daily life.</li></ul>



<ul style="list-style-type: none"><li>• أوراق عمل.</li><li>• سبورة إلكترونية</li></ul> <p><b>Homework/Assignments:</b></p> <ul style="list-style-type: none"><li>• حفظ الآيات (54-78) من سورة الرحمن.</li><li>• حل أنشطة الكتاب المدرسي .</li></ul>	<p><b>Resources needed:</b></p> <ul style="list-style-type: none"><li>• The Holy Qur'an</li><li>• PowerPoint presentation</li><li>• A short video explaining the meanings of the verses</li></ul> <p><b>Homework/Assignments:</b></p> <ul style="list-style-type: none"><li>• Memorize verses (54-78) from Surah Ar-Rahman.</li><li>• Complete the activities in the textbook.</li></ul>
<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: right;">برقی نامہ نویسی</p> <p><b>Learning Objectives:</b></p> <p style="text-align: right;">ای میل کا خاکہ سمجھنا اور لکھنا</p> <p><b>Resources needed:</b></p> <p style="text-align: right;">لیپ ٹاپ کتاب ا پی پی ٹی۔</p> <p><b>Homework/Assignments:</b></p> <p style="text-align: right;">صفحہ: ۳۱۳-۳۱۴ لکھیں اور پڑھیں</p>	<p><b>Topic:</b></p> <p>Hijrat Movement (1920) – India</p> <p><b>Learning Objectives:</b></p> <ul style="list-style-type: none"><li>• Analyze the causes of the Hijrat Movement</li><li>• Evaluate its outcomes and impact on Indian Muslims</li><li>• Assess why the movement ultimately failed</li></ul> <p><b>Resources Needed:</b></p> <ul style="list-style-type: none"><li>• PPT slides</li><li>• Map showing migration routes to Afghanistan</li><li>• Short video clip / historical account</li><li>• Whiteboard / markers</li></ul> <p><b>Homework / Assignments:</b></p> <ul style="list-style-type: none"><li>• Write a short answer: “Why did the Hijrat Movement fail?”</li></ul>



	<ul style="list-style-type: none"> <li>• Create a cause-and-effect chart: Causes → Actions → Outcomes</li> </ul>
<b>ICT</b>	<b>HISTORY &amp; GEOGRAPHY</b>
<p><b><u>Topics:</u></b></p> <ul style="list-style-type: none"> <li>• AI Ethics Guideline</li> <li>• ICT LAB: Python Tokens</li> </ul> <p><b><u>Learning Objectives:</u></b></p> <ul style="list-style-type: none"> <li>• Able to understand the key guidelines of AI Ethics</li> <li>• Able to identify tokens</li> </ul> <p><b><u>Resources needed:</u></b></p> <ul style="list-style-type: none"> <li>• PowerPoint Presentation</li> <li>• Textbook</li> <li>• Notebook</li> <li>• Sample Program</li> </ul> <p><b><u>Homework/Assignments:</u></b></p> <ul style="list-style-type: none"> <li>• Weekly Worksheet</li> <li>• Assignment</li> </ul>	<p><b><u>Topics:</u></b> Introduction to Plate Tectonics – Structure of the Earth</p> <p><b><u>Learning Objectives:</u></b> By the end of the 40-minute lesson, students will recognize and label the four layers of the Earth and briefly explain their role in tectonic plate movement with at least 80% accuracy using a diagram.</p> <p><b><u>Resources needed:</u></b></p> <p><b><u>Teaching Aids:</u></b></p> <ul style="list-style-type: none"> <li>• Earth diagrams (labeled/unlabeled)</li> <li>• 3D models</li> <li>• Videos</li> <li>• PowerPoint</li> </ul> <p><b><u>Student Materials:</u></b></p> <ul style="list-style-type: none"> <li>• Worksheets</li> </ul> <p><b><u>Activities:</u></b></p> <ul style="list-style-type: none"> <li>• Think–Pair–Share</li> <li>• Model making</li> <li>• Gallery walks</li> <li>• Quick quiz</li> </ul> <p><b><u>Homework/Assignments:</u></b></p> <p><b>Diagram Practice</b></p> <p>Draw and neatly label the <b>four layers of the Earth</b>. Include one fact about each layer.</p>



MORAL, SOCIAL AND CULTURAL STUDIES	UAE ARABIC
<p><b>Topics:</b> Culture of Kyrgyzstan and Tajikistan</p> <p><b>Learning Objectives:</b> By the end of the lesson, students will accurately differentiate between two countries by identifying at least two similarities and two differences in their culture, geography, and ethnicity with 80% accuracy.</p> <p><b>Resources needed:</b></p> <ul style="list-style-type: none"><li>• Labeled and unlabeled maps</li><li>• Textbooks</li><li>• Images/videos of the two countries</li><li>• Worksheets for comparison (Venn diagram/table)</li><li>• Projector or smartboard</li></ul> <p><b>Homework/Assignments:</b> Students will complete a short comparison chart highlighting similarities and differences between two countries of their own choice.</p>	<p><b>Topics:</b> جولات ميدانية للشيخ زايد رحمه الله دبي</p> <p><b>Learning Objectives:</b> يحدد أهم مراحل التنمية و البناء في إمارة دبي.</p> <p><b>Resources needed:</b> الكتاب المدرسي العرض التقديمي فيديو تعليمي</p> <p><b>Homework/Assignments:</b> اعداد مشروع الفصل الدراسي الثالث باختيار موضوع من أحد الدرسين المقررين: النباتات المعمرة في دولة الامارات العربية المتحدة جولات ميدانية للشيخ زايد رحمه الله</p>
ART	
<p><b>Topics:</b> Grid Drawing</p> <p><b>Learning Objectives:</b></p> <ul style="list-style-type: none"><li>• <b>Proportional Accuracy:</b> To replicate or scale an image without distorting the subject.</li><li>• <b>Observational Precision:</b> To focus on specific lines and shapes within a single square rather than the whole image.</li><li>• <b>Skill Building:</b> To transition from "drawing what you think you see" to "drawing what is actually there."</li></ul> <p><b>Resources needed:</b></p> <ul style="list-style-type: none"><li>• <b>Reference Image:</b> A clear photo to be gridded.</li><li>• <b>Ruler:</b> For measuring precise, equal squares.</li><li>• <b>Hard Pencil (H or 2H):</b> To draw light grid lines that can be easily erased later.</li><li>• <b>Drawing Paper:</b> To create the final work.</li><li>• <b>Eraser:</b> To remove the grid once the outline is complete.</li></ul> <p><b>Homework/Assignments:</b></p>	