



LEARNING TRAILS AY 2025-26

GRADE: 8

TERM 3_ WEEK 6 (April 27th –May 1st 2026)

ENGLISH	MATHEMATICS
<p><u>Topics:</u> Reading Comprehension-GL Model Listening Practice- IGCSE Cambridge Model Writing- Article Writing - Progressive Test GL Practice:</p> <ol style="list-style-type: none"> 1. Spelling 2. Punctuation 3. Subject-Verb Agreement <p><u>Learning Objectives:</u></p> <p>To be able to identify key ideas, infer meaning, and answer GL-style comprehension questions accurately. To be able to listen for specific details, main ideas, and respond accurately to questions To be able to plan, structure, and write engaging articles using appropriate tone, style, and vocabulary. To be able to spell commonly used words correctly by applying phonics patterns and spelling rules. To be able to use punctuation marks correctly to enhance clarity, meaning, and accuracy in sentences. To be able to apply correct subject-verb agreement rules in sentences to ensure grammatical accuracy consistently.</p> <p><u>Resources needed:</u></p> <ul style="list-style-type: none"> • GL-style comprehension worksheets / past papers • Cambridge IGCSE listening audio tracks • Sample articles (model texts) • Mini whiteboards for quick practice • Punctuation rules char <p><u>Homework/Assignments:</u></p>	<p><u>Topics:</u> Interpretation of Data</p> <p><u>Learning Objectives:</u> Students would be taught: To differentiate between discrete and continuous data To round continuous values To make Frequency tables for continuous data To plot Bar charts for continuous data. To find Range and modal group</p> <p><u>Resources needed:</u> Smart board, whiteboard, PPTs, worksheet</p> <p><u>Homework/Assignments:</u> Weekly test, Weekly Assignment, Daily Homework. GL practice paper</p>



Complete a short comprehension passage, answer questions, and write a brief article using correct grammar.	
ADVANCED ARABIC	GENERAL ARABIC
<p>Topics: <u>نص معلوماتي - فن النهمه</u></p> <p>Learning Objectives: <u>أن يحدد الفكرة الرئيسية والفكر الفرعية في النص</u> <u>أن يستنتج الدلالات التعبيرية والإيحائية في النص</u> <u>أن يفسر المفردات ويوظفها في جمل من إنشائه</u></p> <p>Resources needed: <u>الكتاب المدرسي - العرض التقديمي - أنشطة تعليمية</u></p> <p>Homework/Assignments: حل أسئلة الكتاب المدرسي - كتابة موضوع تعبير</p>	<p>Topics: (التطوع غاية) قراءة - كتابة</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">• أن يقرأ الطالب نصًا عن العمل التطوعي قراءة صحيحة وواضحة مع مراعاة النطق السليم.• أن يحدّد الفكرة العامة للنص المقروء حول أهمية التطوع.• أن يستخرج معلومات وأفكارًا رئيسية من النص مثل أهداف التطوع وفوائده.• أن يتعرّف مفردات جديدة مرتبطة بالتطوع ويستخدمها في جمل بسيطة.• أن يكتب الطالب جملاً أو فقرة قصيرة يعبر فيها عن أهمية العمل التطوعي في المجتمع. <p>Resources needed: العرض التقديمي - السبورة الذكية - كتاب الطالب - الدفتر</p> <p>Homework/Assignments: حل أنشطة الكتاب المدرسي</p>
PHYSICS	BIOLOGY
<p>Topics: Parallel circuits</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">• Construct parallel circuits using appropriate symbols and components.• Analyze the advantages and limitations of each type of circuit in real-life applications.• Progressive test- Chapter 12-Electric circuit, 12.1 Flow of electricity in circuit, 12.2 Series circuit. <p>Resources needed:</p>	<p>Topics:</p> <ul style="list-style-type: none">• <i>Variation and inheritance</i> <p>Learning Objectives:</p> <ul style="list-style-type: none">• <i>State that DNA carries genetic information and is found in the nucleus of cells.</i>• <i>Explain that DNA is passed from parents to offspring and controls inherited traits (like eye color or height)</i>• <i>Submission of PBL/ discussion/presentation</i>• <i>Progressive test</i> <p>Resources needed:</p> <ul style="list-style-type: none">• <i>_Smart board</i>



<p>Notebook, pencil,ruler</p> <p><u>Homework/Assignments:</u> Refer to workbook and worksheet</p>	<ul style="list-style-type: none">• Laptop• Textbook• Activity sheet• Video/ ipad <p><u>Homework/Assignments:</u></p> <ul style="list-style-type: none">• Topic related worksheet uploaded on Education
CHEMISTRY	FRENCH
<p><u>Topics:</u> Rate of Reaction – Effects of Surface Area, Concentration, and Temperature</p> <p><u>Learning Objectives:</u> Students will be able to explain how surface area, concentration, and temperature affect the rate of a chemical reaction and apply this understanding to solve extended task questions, and then demonstrate their progress through a progressive test with increasing levels of difficulty.</p> <p><u>Resources needed:</u> Marshall Cavendish Chemistry Textbook ,Lesson slides,Simulation videos (surface area, concentration, temperature) ,Worksheets for extended-response questions ,Progressive test paper</p> <p><u>Homework/Assignments:</u> Complete assigned questions from the workbook on rate of reaction factors Write one extended-response answer explaining how all three factors affect reaction rate using collision theory. Revise key concepts and examples in preparation for the progressive test.</p>	<p><u>Topics:</u> Parler de la vie scolaire, matières et des options Parler des métiers</p> <p><u>Learning Objectives:</u></p> <ul style="list-style-type: none">• Nommer des matières et des métiers• Dire ses préférences (J’aime / Je n’aime pas)• Parler de son emploi du temps• Dire : <i>Je veux être...</i> et répondre à des questions simples <p><u>Resources needed:</u></p> <ul style="list-style-type: none">• PPT avec images des métiers• Cartes images (jobs flashcards)• Vidéo simple sur les professions• Jeu de rôle (role-play cards)• Fiche de vocabulaire <p><u>Homework/Assignments:</u></p> <ul style="list-style-type: none">• Écrire 5 phrases : “Je veux être...” + raison• Dessiner un métier et le décrire en 3 phrases• Préparer un dialogue en binôme



ISLAMIC ARABIC	ISLAMIC STUDIES
<p>Topics: (أدلة وحدانية الله تعالى – سورة يس (69–83)</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">• أن يتلو الطالب الآيات (69–83) من سورة يس تلاوة صحيحة.• أن يفسر المفردات والمعاني العامة للآيات.• أن يستنتج أدلة وحدانية الله تعالى من خلال الآيات.• أن يوضح قدرة الله تعالى في الخلق والإحياء والإماتة.• أن يعزز إيمانه بوحدانية الله من خلال التأمل في مخلوقاته. <p>Resources needed:</p> <ul style="list-style-type: none">• القرآن الكريم.• (PowerPoint) عرض تقديمي.• فيديو توضيحي عن دلائل قدرة الله في الكون.• أوراق عمل.• سورة ذكية <p>Homework/Assignments:</p> <ul style="list-style-type: none">• حفظ الآيات (69–83) من سورة يس.• حل أنشطة الكتاب المدرسي	<p>Topics: Evidence of the Oneness of Allah – Surah Ya-Sin (69–83)</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">• The student should be able to recite verses (69–83) of Surah Ya-Sin correctly.• The student should be able to explain the vocabulary and general meanings of the verses.• The student should be able to deduce the evidence of the Oneness of Allah from the verses.• The student should be able to explain Allah’s power in creation, giving life, and causing death.• The student should strengthen their faith in the Oneness of Allah by reflecting on His creation. <p>Resources needed:</p> <ul style="list-style-type: none">• The Holy Qur’an• PowerPoint presentation• An explanatory video about the signs of Allah’s power in the universe• Worksheets• Smart board <p>Homework/Assignments:</p> <ul style="list-style-type: none">• Memorize verses (69–83) from Surah Ya-Sin• Complete the activities in the textbook



URDU	PAKISTAN STUDIES
<p>Topics:</p> <p>برقی نامہ نویسی</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">ای میل کا خاکہ سمجھنا اور لکھنادئے گئے موضوع پر اشارات کی مدد سے ۳ پیرا گراف میں ای میل لکھیں گے <p>Resources needed:</p> <p>لیپ ٹاپ، کتاب، اے پی پی ٹی۔</p> <p>Homework/Assignments:</p> <p>اور ایک رسمی ای میل لکھنا ۳۱۶ صفحہ</p>	<p>Topic:</p> <p>Natural Resources of Pakistan</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">Analyze different types of natural resources in PakistanEvaluate their importance for economic developmentAssess key challenges and sustainability issues <p>Resources Needed:</p> <ul style="list-style-type: none">PPT slidesMap of Pakistan (resource distribution)Short video clipWhiteboard / markers <p>Homework / Assignments:</p> <ul style="list-style-type: none">Write a short answer: "Why are natural resources important for Pakistan?" <p>OR</p> <ul style="list-style-type: none">Create a simple chart: Resource → Uses → Problems → Solutions
ICT	HISTORY & GEOGRAPHY
<p>Topics:</p> <p>Client-Server Network Architecture</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">Able to define client-server architectureAble to identify advantages and disadvantages of client-server architecture <p>Resources needed:</p> <ul style="list-style-type: none">PowerPoint PresentationSmartboard	<p>Topics: Cold War – Dictatorship vs Democracy</p> <p>Learning Objectives:</p> <p>Students begin by understanding the differences between dictatorship and democracy in the context of the Cold War, focusing on how the United States promoted democratic values while the Soviet Union supported a one-party system, and how these contrasting ideologies shaped global tensions.</p>



<ul style="list-style-type: none">• Textbook• Students Notebook• Example Video <p>Homework/Assignments:</p> <ul style="list-style-type: none">• Weekly Worksheet• Assignment	<p>Resources Needed: PPTs, textbook, notebook, smartboard, comparison charts, and white chart paper.</p> <p>Homework/Assignments: Complete the task sheet comparing dictatorship and democracy and write a short note on which system you think is more effective and why.</p>
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MORAL, SOCIAL AND CULTURAL STUDIES	UAE ARABIC
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<p>Topics: Rise of the Ottoman Empire – Suleiman the Magnificent</p> <p>Learning Objectives: Students begin by understanding the expansion and achievements of the Ottoman Empire under Suleiman I, including administrative reforms, military strength, and cultural developments, and how his rule marked the empire’s peak.</p> <p>Resources Needed: PPTs, textbook, notebook, smartboard, maps, and white chart paper.</p> <p>Homework/Assignments: Complete the task sheet on Suleiman the Magnificent and write a short paragraph on his major achievements.</p>	<p>Topics: الثورة الصناعية الرابعة المميزات</p> <p>Learning Objectives: يستخلص مميزات الثورة الصناعية الرابعة</p> <p>Resources needed: الكتاب المدرسي العرض التقديمي فيديو تعليمي</p> <p>Homework/Assignments: اعداد مشروع الفصل الدراسي الثالث باختيار موضوع من أحد الدرسين المقررين استكشاف البحار أو الثورة الصناعية الرابعة:</p>
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ART

Topics: Grid Drawing

Learning Objectives:

- **Proportional Accuracy:** To replicate or scale an image without distorting the subject.
- **Observational Precision:** To focus on specific lines and shapes within a single square rather than the whole image.
- **Skill Building:** To transition from "drawing what you think you see" to "drawing what is actually there."

Resources needed:

- **Reference Image:** A clear photo to be gridded.
- **Ruler:** For measuring precise, equal squares.
- **Hard Pencil (H or 2H):** To draw light grid lines that can be easily erased later.
- **Drawing Paper:** To create the final work.
- **Eraser:** To remove the grid once the outline is complete.

Homework/Assignments: